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Construction Completion Report

J. H Baxter South Property Site Renton, Washington

Prepared by:

**The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, Washington 98134-1162**

RETEC Project Number: VULAN-16672-800

Prepared for:

**The Port Quendall Company
c/o Vulcan Inc.
505 Fifth Avenue South, Suite 900
Seattle, Washington 98104**

March 16, 2005

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Reviewed by:

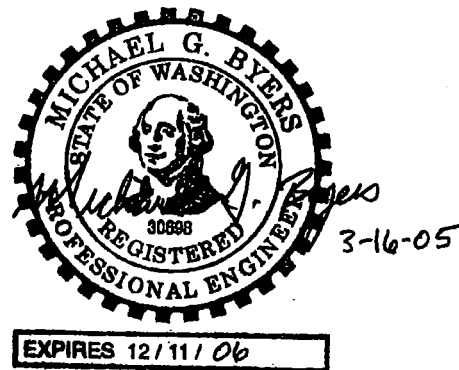

Michael G. Byers, P.E., Project Manager

March 16, 2005

**Construction Report
Former Wood Treating Site Remediation
J. H Baxter South Property Site – Seattle, Washington**

Based on direct observation made by The RETEC Group (RETEC) personnel, materials testing, laboratory testing and other construction documentation described in this report, it is the opinion of the undersigned that the South Baxter cleanup action has been constructed in substantial compliance with the intended design as presented in the plans and specifications (Baxter Cove Cleanup Bid Specifications – July 29, 2002 and Excavation and In Situ Solidification Specifications, – February 23, 2004) and related documents (Consent Decree No. 00-2-11779-5 KNT, Cleanup Action Plan – ThermoRetec 2000, and Final Engineering Design Report – May 2002). The material and data in this report were prepared under supervision and direction of the undersigned.

The RETEC Group, Inc.



Michael G. Byers, P.E.
Project Manager

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1 Introduction

The remedial action work was completed to satisfy the capital portions of the Consent Decree (Consent Decree No. 00-2-11779-5 KNT) with the Washington State Department of Ecology (Ecology), the governing agency for the J.H Baxter South Property Site. The J. H Baxter South Property Site is a former wood treating site located in Renton, Washington. The Consent Decree outlines the full remedial actions required on the site including the capital portions of the remedy and the remaining portions. The capital portions include source remediation (DNAPL removal, soil excavation and disposal or treatment, and *in situ* stabilization) and wetland mitigation. This document discusses the completion of the capital portions of the remedial action for the South Baxter Property (South Property Cleanup) and is completed in accordance with WAC-173-340-400.

The South Property remediation cleanup action is discussed in the Ecology-approved *Final Engineering Design Report (EDR)*, dated May 2002, prepared by The RETEC Group Inc. (RETEC). RETEC prepared the construction documents for performing the cleanup action at the South Property. The construction documents include *Baxter Cove Cleanup Bid Specifications*, dated July 29, 2002 (approved by Ecology) and *Excavation and In Situ Solidification Specifications* dated February 23, 2004 (approved by Ecology via email dated March 16, 2004).

1.1 Site Description

The South Baxter Property site is located on the eastern shore of Lake Washington on the former delta of May Creek in Renton, Washington. Two independent cleanup project sites (Quendall Terminals and Barbee Mills) are located to the south of the South Baxter Property. The site is bound to the north by the North Baxter Property. Both the South Baxter Property and North Baxter property are owned by the Port Quendall Company (PQC). Remedial action for the North Baxter Property will be managed separately in compliance with the existing Consent Decree for the property. The South Baxter Property site is approximately 7 acres in size and is comprised of an offshore area (Baxter Cove), a near shore area (wetland mitigation area) and a far shore area. The contaminants of concern addressed during the cleanup action were developed in the site Cleanup Action Plan (CAP) (ThermoRetec 2000), and include pentachlorophenol (PCP) and polycyclic aromatic hydrocarbons (PAHs). The remediation work described in this report includes source remediation (DNAPL recovery, soil excavation and disposal, in-situ stabilization (ISS) and creation of the wetland area on the site. The main site areas addressed at the Baxter South Property during the cleanup action include Baxter Cove, Baxter Lagoon, Butt Tank and Tank Farm areas.

1.2 Overview of Cleanup Action

Cleanup action at the South Baxter Property comprised the following activities:

- Removal and off-site disposal of impacted sediment above the cleanup level of 100 mg/kg total PAH from Baxter Cove
- Re-creation of wetlands adjacent to Lake Washington and buffer restoration and enhancement; impact avoidance to species listed as threatened under the Endangered Species Act through hydraulic isolation of the project work and the timing of in-water work
- Dense non-aqueous phase liquid (DNAPL) removal from source monitoring well BAX-14
- Excavation of light non-aqueous phase liquid (LNAPL) impacted soil in the tank farm area based on an action level of 1,000 mg/kg total PAH and off-site disposal of soil to remove long-term source of groundwater impacts
- Excavation and off-site disposal of K001 listed hazardous waste from Baxter Lagoon area
- ISS of impacted soil near the Butt Tank and Baxter Lagoon area based on an action level of 1,000 mg/kg total PAH to remove long-term source of groundwater impacts

The South Property Cleanup was conducted under two separate mobilizations. The in-water work that includes Baxter Cove cleanup and wetlands re-creation was completed in 2002 while the upland work was completed in 2004. Upon completion of the 2002 remediation work, as-built report of the wetlands reconstruction work was submitted and approved by Ecology.

Approximately 810 bank cubic yards (in-place volume measured by pre-excavation and post-excavation survey data) of contaminated sediment was removed from Baxter Cove and transported offsite for disposal as non-hazardous material during the 2002 remedial cleanup action. Sidewall and bottom confirmation samples were collected from the cove excavation to demonstrate that site cleanup had been achieved. Approximately 147,000 gallons of water was removed from Baxter Cove and discharged under a site permit to local the POTW. Approximately 0.46 acres of Class 2 forested wetland was constructed in the Baxter Cove area.

Approximately 120 bank cubic yards of hazardous impacted material was excavated from the Baxter Lagoon area and transported offsite for disposal during the 2004 remedial cleanup action. Approximately 1,660 bank cubic yards of non-hazardous impacted material was excavated from the Tank Farm

area and transported offsite for disposal. Sidewall and bottom confirmation samples were collected from the Tank Farm excavation to demonstrate that site cleanup had been achieved. Approximately 11,680 bank cubic yards of ISS treatment was completed in the Butt Tank and Baxter Lagoon area.

All non-hazardous impacted materials were transported offsite by truck to the Rabanco Transfer Facility located in Seattle. From the transfer station, the material was shipped by rail to Roosevelt Regional Landfill located in Klickitat County (a Subtitle D permitted facility) for final disposal. The hazardous sludge excavated from Baxter Lagoon was transported to Clean Harbors Aragonite Incineration Facility in Utah for treatment (incineration) and disposal.

Field activities associated with the 2002 remediation work were initiated with site mobilization by Strider Construction Company Inc. (Strider) on September 11, 2002. All in-water work was completed by October 31, 2002 as required by the Army Corps of Engineers permit for the site. Equipment and materials were demobilized from the site on November 15, 2002. Field activities pertaining to the 2004 remediation work were completed by Envirocon, Inc. (Envirocon). Equipment and materials were mobilized to the Site on July 26, 2004 and work was completed on October 15, 2004.

1.3 Report Organization

This report is organized into seven sections. Section 1 provides a summary of the completion report. Section 2 describes the project management and organization. Section 3 describes the remedial action plan. Section 4 summarizes the site preparation activities. Remedial cleanup activities performed at the site during 2002 are described in Section 5 and remedial activities from 2004 are presented in Section 6. Summary and conclusions are presented in Section 7.

Appendices to this report include the following:

- Appendix A Laboratory Analytical Results – Baxter Cove Excavation Confirmation Samples
- Appendix B Laboratory Analytical Results – Upland Excavation Confirmation Samples
- Appendix C As-Built Drawings – 2002 Site Remediation
- Appendix D As-Built Drawings – 2004 Site Remediation
- Appendix E Weight Tickets
- Appendix F Wetlands Reconstruction Report

- Appendix G Backfill Material Information
- Appendix H ISS QA Data
- Appendix I Photographs
- Appendix J Field Activity Log
- Appendix K Culvert Memorandum

2 Project Management and Organization

A brief summary of each contractor's role is described below. Ecology provided regulatory oversight for the project. The owner of the property and RETEC's client is PQC.

RETEC was responsible for overall project management: coordinating with Ecology for compliance with regulations; preparing the construction documents; and contractor procurement and contract administration.

Strider of Bellingham, Washington was selected to perform the 2002 remediation work. In this capacity as project contractor, Strider retained three subcontractors, identified below.

- Rabanco Regional Disposal Company (Rabanco) was retained to transport impacted soil to the transfer facility located in Seattle, Washington. The material was disposed by Rabanco at their Subtitle D Roosevelt Regional Landfill facility.
- Inca Engineering (Inca) was retained to survey the horizontal and vertical limits of excavations and site topography.
- Terra Dynamics Inc. was retained to perform landscape and irrigation work in the wetland area.
- Emerald Services Inc. (Emerald) was retained for disposal of contaminated water collected during remediation activities.

Associated Earth Sciences Inc. (AESI) was retained by RETEC to perform construction oversight of the wetlands reconstruction work.

Envirocon of Missoula, Montana was selected to perform the 2004 remediation work. As project contractor, Envirocon retained three subcontractors, identified below.

- Philips Environmental was retained for disposal of contaminated water collected during remediation activities
- PLS was retained to survey the horizontal and vertical limits of excavations and site topography
- Miles Sand and Gravel Company was retained to import backfill material

PQC selected Rabanco for transportation and disposal of non-hazardous impacted materials and Clean Harbors for transportation and disposal of hazardous materials for the 2004 work based on recommendation from RETEC.

3 Description of Remedial Action and Removal Implementation

3.1 Description of Remedial Action

The remediation cleanup actions at the South Baxter Property performed during 2002 and 2004 consisted of the following activities:

- Site preparation
- Site Clearing
- Water Management
- Excavation and disposal of source material
- ISS
- Field sampling
- Backfilling and final grading
- Wetlands Construction
- Final site cleanup

Field activities were performed in accordance with the Consent Decree and construction documents prepared by RETEC and approved by Ecology. Onsite construction activities were supervised by RETEC on behalf of PQC. A detailed description of the field activities is provided in the subsequent sections.

4 Site Preparation

4.1 2002 Remedial Cleanup Action

Site preparation activities performed prior to initiating excavation, backfill and wetland operations included:

- Pre-construction meeting
- Installation of temporary facilities and controls
- Installation of temporary erosion and sedimentation controls (TESC).

Each of these activities is discussed below.

4.1.1 Pre-Construction Meeting

A pre-construction meeting was held at the site on September 6, 2002 prior to site mobilization. Attendees included representatives from PSE, Strider, and RETEC. Topics of discussion included project scope, schedule, communication roles, Strider's anticipated work methods, subcontractors, site-specific Health and Safety Plan and site utilities.

4.1.2 Temporary Facilities and Controls

Temporary facilities and controls provided by Strider included:

- A job site trailer with potable water, electricity, first aid kit, fire extinguisher, and emergency eye wash station within the support zone
- Temporary fence along the south side of Site, gate and gravel pad at the construction entrance to Site
- Temporary dam installation to isolate Baxter Cove from Lake Washington. The temporary dam comprised ecology blocks overlain by 20-mil PVC liner weighted down with sand bags
- A lined decontamination area with drainage and collection system for equipment and workers built within the contamination reduction zone
- A lined contaminated material stockpile area constructed within the exclusion zone.
- Portable restroom and a non-potable water supply within project boundary

Upon initiation of excavation and transport work Strider provided additional controls including:

- Warning signs for construction traffic at the construction entrance/exit to the Site
- Candles and caution tape along the perimeter of active excavations
- Covers provided and secured for stockpile cell and decontamination area at the end of each work day
- Placement of gravel along vehicular access routes within the project area to prevent tracking of mud.

4.1.3 Temporary Erosion and Sedimentation Controls

Silt fencing was installed along the western boundary of the project area. The filter fabric fencing was installed in accordance with the requirements of the Stormwater Management Manual for Western Washington (Ecology, August 2000). Strider and RETEC performed inspections of the silt fences on a regular basis. Strider performed repairs to the silt fence as needed.

A temporary earthen runoff control berm was constructed between the Baxter Cove and upland portion of the Site. The temporary berm was constructed of clean on-site soil to a compacted height of approximately 12 inches. Strider performed maintenance of the berm as needed through the duration of the project.

4.2 2004 Remedial Cleanup Action

Site preparation activities performed prior to initiating excavation, backfill and wetland operations included:

- Pre-construction meeting
- Installation of temporary facilities and controls
- Installation of temporary erosion and sedimentation controls (TESC).

Each of these activities is discussed below.

4.2.1 Pre-Construction Meeting

A pre-construction meeting was held at the site on May 11, 2004 prior to site mobilization. Attendees included representatives from PQC, Envirocon and RETEC. Topics of discussion included project scope, schedule,

communication roles, Envirocon's anticipated work methods, subcontractors and site-specific Health and Safety Plan.

4.2.2 Temporary Facilities and Controls

Temporary facilities and controls provided by Envirocon included:

- A job site trailer with potable water, electricity, first aid kit, fire extinguisher, and emergency eye wash station within the support zone
- Temporary fence along the south side of Site, and gravel pad at the construction entrance to Site
- A lined decontamination area with drainage and collection system for equipment and workers built within the contamination reduction zone
- A lined hazardous material stockpile area constructed within the exclusion zone
- A lined non-hazardous impacted material stockpile area constructed within the exclusion zone
- Portable restroom and a non-potable water supply within project boundary
- Caution tape along the perimeter of active excavations
- Warning signs for construction traffic at the construction entrance/exit to the Site
- Covers provided and secured for stockpile cell and decontamination area at the end of each work day

4.2.3 Temporary Erosion and Sedimentation Controls

Silt fencing was installed along the western boundary of the project area. The filter fabric fencing was installed in accordance with the requirements of the Stormwater Management Manual for Western Washington (Ecology, August 2000). Envirocon and RETEC performed inspections of the silt fences on a regular basis. Envirocon performed repairs to the silt fence as needed.

5 Baxter Cove Remediation (2002)

The following activities were associated with the 2002 remediation work performed at the site:

- Site clearing
- Pump-down of Baxter Cove
- Baxter Cove sediment removal
- Water management
- Load-out and disposal of impacted sediment
- Wetlands reconstruction
- Site restoration
- Air monitoring.

Each of these activities is described in detail below. A site map showing the main site features is provided on Figure 5-1.

5.1 Site Clearing

Site clearing work involved removing trees, brush and grass to expose the work areas and to allow access for haul roads and staging areas. Vegetation removed during site clearing was disposed offsite as clean organic waste.

5.2 Pump-down of Baxter Cove

Following installation of a temporary dam in the Baxter Cove area, turtle traps were set by AESI in an effort to trap turtles. The traps were set from September 20 through September 22, 2004. No turtles were found during site inspection and during the process of trapping the turtles. The next step involved pumping surface water from the Cove to the upland water management system. The water management system consisted of four baker tanks (20,000 gallons each) with pumps, piping, valves and fittings to store water removed from the Baxter Cove and discharge the water to the Publicly Owned Treatment Works (POTW) discharge point. Each baker tank was equipped with a sampling port to allow RETEC to obtain water samples to verify that each batch of water satisfied King County/Metro discharge criteria as stated in the Site permit. A flowmeter was installed on the discharge line to record the volume of water discharged to the POTW. Initial pump-down of Baxter Cove started on September 23, 2002.

5.3 Initial Survey

The initial grade (bottom and side) and excavation boundaries of the dewatered Baxter Cove were recorded by the surveyors (Inca Engineering) prior to initiating excavation. The excavation boundaries were verified by RETEC. Initial survey data for Baxter Cove is provided in Appendix C.

5.4 Baxter Cove Excavation

Excavation was performed within the footprint of the Baxter Cove as shown on Figure 5-1. The in-water portions of the work were required to be completed prior October 31 in accordance with the U.S. Corps of Engineers permit for the work. Personnel from Ecology conducted frequent site visits to monitor the progress of work during Baxter Cove excavation. The initial grade was measured and excavation boundaries were marked by surveyors (Inca Engineering) prior to initiating any excavating. The excavation boundaries were verified by RETEC. Excavation was initiated on September 25, 2002 and completed on October 16, 2002. During excavation, dewatering was conducted as needed within the Baxter Cove and water resulting from seepage/rainfall was pumped to the onsite storage tanks for testing and proper discharge. Excavation was accomplished by two methods and was largely dependent on the presence of utilities. A vacuum truck was utilized in the area where a King County-owned sewer forcemain was in the vicinity of the excavation. The excavated soil was placed directly in the stockpile area (depicted on Figure 5-1) when the truck was filled.

A long reach excavator was used to perform the excavation at Baxter Cove. The excavated sediment was placed directly in a dump truck with sealed tailgate and transported to the stockpile area. A total of approximately 810 cubic yards of impacted sediment was removed from the Baxter Cove excavation.

5.4.1 Sampling

Confirmation samples were collected in accordance with the EDR dated May 2002. The purpose of the confirmation samples was to verify that the excavation floor and sidewalls were below site cleanup levels. If results from the confirmation samples exceeded the cleanup level, (100 mg/kg TPAH) additional excavation would be required.

A total of 13 sidewall samples and 11 bottom samples were collected from the Baxter Cove excavation cavity. Confirmation sample locations are identified on Figure 5-1. The samples were collected using a stainless steel spoon and bowl. Sediment sub-samples were collected from the excavator bucket at several locations and all the sub-samples were transferred to a stainless steel mixing bowl. The sub-samples were thoroughly mixed in the bowl to obtain a composite sample for each sidewall and bottom sample prior to transferring sample to the sample jar. The samples were analyzed for TPAHs by EPA Method 8270.

The compliance sampling program used at South Baxter Cove was designed to ensure the entire area of the excavation was characterized and the limits of excavation were sufficient. Samples were collected using a grid system. Bottom and sidewall samples were collected from each grid and submitted for polycyclic aromatic hydrocarbons (PAH) analysis by EPA Method 8270. All

the samples were taken as a composite with the exception of CS-13, which was a grab sample from the sidewall of the small excavation around the force main on the south side of the cove. CS-13 was taken as a grab sample as the area of the sidewall did not warrant taking a composite sample. The composite samples were collected by mixing surface soil at a minimum of three discrete locations chosen at random within the grid. Additional excavation (either deeper or wider depending on if exceedances were on bottom or sidewall samples) and sampling was conducted if the results exceeded the cleanup level of 100 mg/kg total PAH.

The results of all the samples collected are shown in Table 5-1 and sample locations are shown on Figure 5-1. These data demonstrate that the cleanup level is satisfied in accordance with WAC 173-340-740(7) as described in the following paragraphs.

All procedures outlined in WAC 173-340-740(7) "Compliance Monitoring" were followed. The specific requirements and our compliance with the requirements are described below.

- 1) WAC 173-340-740(7)(c)(iv)(B)
 - ▶ The average TPAH concentration is 30 mg/kg total PAH which is well below the cleanup level of 100 mg/kg total PAH.
 - ▶ Since the cleanup level is based on the chronic effects posed by PAHs, this true mean concentration satisfies the requirement.
- 2) WAC 173-340-740(7)(e)(ii)
 - ▶ One of 23 samples exceeds the soil cleanup level (4.3 percent of samples).
 - ▶ This satisfies the requirement that less than 10 percent of the sample concentrations exceed the cleanup level.
- 3) WAC 173-340-740(7)(e)(i)
 - ▶ The sample that exceeded the soil cleanup level was CS-15 with a concentration of 176 mg/kg total PAH (1.76 times the cleanup level).
 - ▶ This satisfies the requirement that no sample shall be greater than two times the cleanup level.

Laboratory analytical results with validation reports are provided in Appendix A.

5.4.2 Final Survey

The vertical and horizontal extent of the Baxter Cove excavation were surveyed after receiving confirmation that sidewall and bottom samples

collected and analyzed from the Cove are below site cleanup levels. Depth of cut survey data for the Baxter Cove excavation is provided in Appendix C.

5.4.3 Water Management

All stormwater and decontamination water generated at the site during the project was collected in onsite storage tanks. The water collected from these sources was stored in separate storage tanks and was not mixed with water pumped from Baxter Cove. Water collected in the storage tanks was sampled by RETEC to satisfy the Metro discharge criteria specified in the site permit. Based on testing, water that satisfied the Metro discharge criteria was discharged to the local POTW discharge point located in the vicinity of the Site. The POTW discharge point is shown on Figure 5-1. A total of approximately 193,188 gallons of water was discharged at the POTW discharge point. Water that exceeded Metro discharge criteria was transported offsite by Emerald Services Inc. of Seattle, Washington for treatment and disposal. Approximately 54,299 gallons of water was hauled offsite by Emerald.

5.5 Loading, Transport, and Disposal of Impacted Material

Impacted sediment from the Baxter Cove was excavated and placed temporarily in the lined stockpile cell (Figure 5-1). Lime was used as an additive to reduce the moisture content of the excavated sediment to an acceptable level (no free liquids) for transport on public roads. Trucks entered the site via the construction access gate and material from the stockpile cell was loaded onto the trucks by a front-end loader. The trucks were decontaminated prior to exiting the site by removing loose soil from the wheels and undercarriage of the truck to avoid spills onto the roadway during transport. The excavated sediment was transported to the Rabanco Transfer Facility located in Seattle. From the transfer station, the material was shipped by rail to Roosevelt Regional Landfill located in Klickitat County (a Subtitle D permitted facility).

All trucks that contained waste materials were weighed at the Rabanco Transfer Station. The number of truckloads transported off site each workday was documented by RETEC and bills of lading were completed for each truck exiting the site. Based on the truck logs and weight tickets, 1,514.85 tons of impacted sediment was transported in 45 trucks. Truck weight tickets are provided in Appendix E.

5.6 Wetlands Reconstruction

Wetlands reconstruction was completed by Terra Dynamics on November 15, 2002. RETEC retained AESI to perform construction oversight of the wetlands reconstruction work. Details pertaining to the wetlands reconstruction are described in the document *As-Built Monitoring Report*,

Baxter Cove Remediation Project dated January 8, 2003. The document is provided in Appendix F.

5.7 Site Restoration

Upon completing final grading at the site, Strider demobilized equipment, materials, supplies, debris, and temporary facilities on November 15, 2002. Debris from remediation activities included used PPE, disposable sampling equipment and general construction debris. All debris was transported offsite and disposed of by Strider.

Upon completion of wetlands reconstruction, a topographic survey was performed at the site. As-built drawings are provided as Appendix C. Photographs from soil remediation activities at the Site and a photo log are provided on a disc in Appendix I. Field activity logs for the soil remediation project are provided in Appendix J.

5.8 Air Monitoring

Air monitoring at the site was performed during excavation activities by RETEC and Strider in accordance with the site-specific project Health and Safety Plans (HASP). As specified in the HASP, air monitoring was performed continuously during site activities. During the Baxter Cove excavation and other site activities, a MiniRam was used to monitor the particulate concentration in the work area and a photoionization detector (PID) used for detection of organic gases and vapors. All air monitoring results were below action levels for the site.

**Table 5-1 Post-Excavation Confirmation Sample Data
Baxter Cove Cleanup**

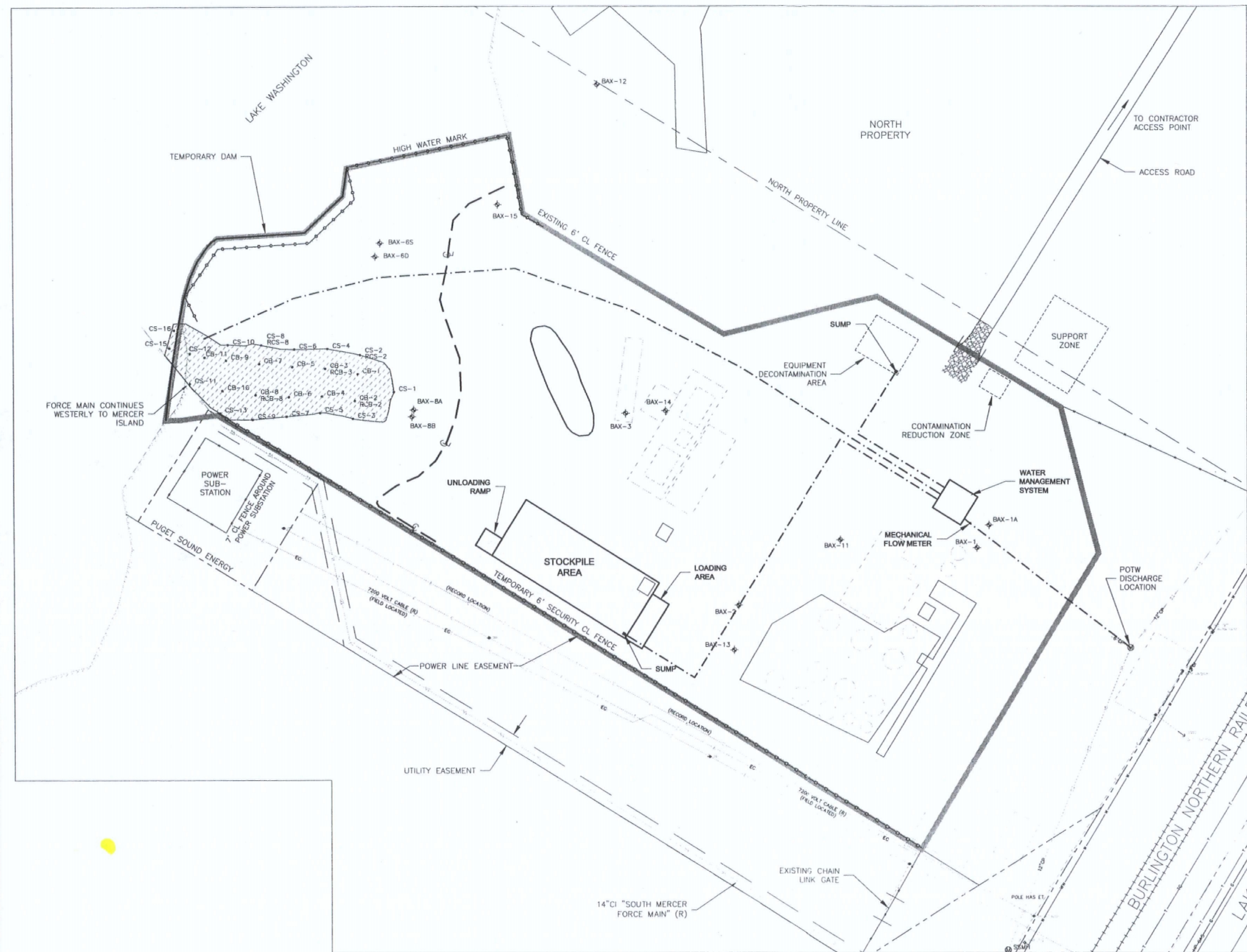
Initial Sample ID	Cleanup Level (mg/Kg)	Action Level (mg/Kg)	Initial TPAH (mg/Kg)	First Resampling ID	First Resampling TPAH (mg/Kg)	Second Resampling ID	Second Resampling TPAH (mg/Kg)
CS-1	100	NA	6.6				
CS-2	100	NA	120.4	RCS-2	185.5	R2CS-2	1.6
CS-3	100	NA	29.6				
CS-4	100	NA	5.1				
CS-5	100	NA	9.9				
CS-6	100	NA	136.4	RCS-6	9.1		
CS-7	100	NA	80.9				
CS-8	100	NA	382.1	RCS-8	16.2		
CS-9	100	NA	7.9				
CS-10	100	NA	35.1				
CS-11	100	NA	103.3				
CS-12	100	NA	3907.8	CS-15	176.6		
CS-13	100	NA	2.5				
CS-16	100	NA	12				
CB-1	100	NA	88.9				
CB-2	100	NA	116.3	RCB-2	12.7		
CB-3	100	NA	990.5	RCB-3	0.1		
CB-4	100	NA	32.6				
CB-5	100	NA	27.7				
CB-6	100	NA	1.6				
CB-7	100	NA	4.4				
CB-8	100	NA	230.4	RCB-8	10.9		
CB-9	100	NA	32.3				
CB-10	100	NA	51.7				
CB-11	100	NA	45.2				

Note:

CS-14 was top 6 inches of western sidewall prior to additional excavation - it is not considered representative

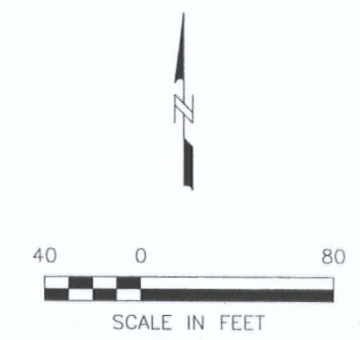
CS-16 is the top 6 inches of western sidewall after additional excavation - it is not considered representative

NA - Not Applicable



LEGEND

- FORMER STRUCTURE
- ACCESS POINT
- LIGHT POLE
- CATCH BASIN
- HYDRANT/WATER LINE
- UTILITY/ELEC POLE
- SANITARY SEWER MANHOLE
- ELECTRICAL
- GAS
- SANITARY SEWER
- STORM SEWER
- TELEPHONE
- WATER
- PUMPED WATER TO COLLECTION SYSTEM
- EXISTING 6' CL FENCE
- CENTERLINE OF TEMPORARY BERM
- SILT FENCE
- TEMPORARY SECURITY FENCE
- BAXTER COVE EXCAVATION AREA
- PROJECT BOUNDARY
- BAX-6S EXISTING MONITORING WELL
- CS-4 SIDEWALL CONFIRMATION SAMPLE
- CB-8 BOTTOM CONFIRMATION SAMPLE



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FORMER WOOD TREATING SITE CLEANUP- BAXTER COVE - J.H. BAXTER SOUTH PROPERTY JAGCO-16672-800		SITE MAP AND CONFIRMATION SAMPLE LOCATIONS	
DATE: 03/10/05	DRWN: A.S./SEA	FIGURE 5-1	

6 Upland Remediation (2004)

The following activities were associated with the 2004 upland remediation work performed at the site:

- Site clearing
- Site demolition
- Excavation of hazardous materials
- Excavation of non-hazardous impacted materials
- *In situ* soil stabilization
- Load-out and disposal of impacted materials
- Water management
- Backfill
- Site restoration
- Air monitoring.

Each of these activities is described in detail below. A site map showing the main site features is provided on Figure 6-1.

6.1 Site Clearing

Site clearing work involved removing trees, brush and grass to expose the work areas and to allow access for haul roads and staging areas. Vegetation removed during site clearing was disposed offsite as clean organic waste. Grubbed roots removed from impacted areas were managed as either hazardous or non-hazardous impacted material depending on where they were located.

6.2 Site Demolition

Demolition work was completed at the site during the period August 3, 2004 to August 11, 2004. Demolition activities included demolition of concrete slab and tank foundations in the former tank farm area, removal of concrete walls and debris including railroad ties, metal piping and wooden piling from the former Butt tank area. Figure 6-1 shows site demolition areas. Demolition materials that were not impacted based on visual evidence were temporarily stockpiled onsite and transported offsite to construction demolition landfill or steel recycler. As part of demolition work, soil and water collected in several 55-gallon drums and a metal tank from past site investigations were removed. Water was pumped to onsite storage tanks and soil was moved to the lined stockpile cell. Once the drums and metal tank were cleaned, they were managed as un-impacted construction demolition debris and were recycled. A total of 723 tons of un-impacted construction demolition debris was transported offsite.

6.3 Initial Survey

The initial grade and excavation boundaries of the hazardous and non-hazardous impacted material excavation areas were recorded by the surveyors (PLS) prior to initiating excavation. The excavation boundaries were verified by RETEC. Initial survey data for excavation areas is provided in Appendix D.

6.4 Hazardous Waste Excavation

Hazardous waste (K001 listed waste) excavation was performed in Area A (Baxter Lagoon) as shown on Figure 6-1. Excavation extended to the bottom of the lagoon sludge, approximately 2 to 3 feet below the bottom of the lagoon. Excavation was initiated on August 13, 2004 and completed on August 18, 2004. Hydrated lime was mixed with the lagoon sludge to lower its water content and make it suitable for transport. The excavated soil was placed directly in the hazardous material stockpile area (depicted on Figure 6-1).

A long reach excavator (John Deere 230) was used to perform the excavation. Approximately 120 bank cubic yards of hazardous material was removed from the Baxter Lagoon excavation. Confirmation samples were not required to be collected from the Baxter Lagoon excavation cavity.

During excavation activities, a 10-inch corrugated metal pipe was discovered in the Baxter Lagoon area. The pipe appeared to traverse in the northwesterly direction from the lagoon toward the wetlands. Details regarding pipe removal, residuals sampling and future management of a section of the pipe left in-place are documented in a memorandum dated December 1, 2004 and submitted to Ecology. The memorandum was reviewed and approved by Ecology via e-mail dated December 6, 2004. A copy of the memorandum is included in Appendix K.

6.5 Non-Hazardous Impacted Material Excavation

Non-hazardous impacted material excavation was performed in the two areas (Area C and Area D) identified on Figure 6-1. Excavation extended to the water table which was encountered at approximately 6 feet below ground surface. Excavation was initiated on August 12, 2004 and completed on September 14, 2004. The excavated soil was placed directly in the non-hazardous material stockpile area (depicted on Figure 6-1). Approximately 1,660 bank cubic yards of non-hazardous impacted material was removed from the two excavations.

Impacted debris (concrete and railroad ties) encountered during excavation was transported offsite with the non-hazardous impacted material. Confirmation samples were collected in accordance with the EDR dated May

2002. The purpose of the confirmation samples was to verify that the excavation floor and sidewalls were not impacted after removal of impacted material. If results from the confirmation samples exceeded the action level, (1,000 mg/kg TPAH) additional excavation would be required.

A total of 23 sidewall samples and 8 bottom samples were collected from the two excavation areas. Confirmation samples were collected as composite samples and are identified on Figure 6-1. The samples were collected using a stainless steel spoon and bowl. Soil sub-samples were collected from the excavator bucket at several locations and all the sub-samples were transferred to a stainless steel mixing bowl. The sub-samples were thoroughly mixed in the bowl to obtain a composite sample for each sidewall and bottom sample prior to transferring sample to the sample jar. The samples were analyzed for TPAHs by EPA Method 8270.

The post-excavation confirmation sample results for the two non-hazardous impacted material excavation areas are shown in Table 6-1. As shown in the table, none of the sample locations required additional excavation as the confirmation samples were all below site action levels demonstrating that the area meets site cleanup criteria set forth in 173-340-740(7) "Compliance Monitoring." Laboratory analytical results with validation reports are provided in Appendix B.

6.6 Final Survey

The vertical and horizontal extent of the Baxter Lagoon excavation and the two non-hazardous impacted material excavations were surveyed after receiving confirmation that sidewall and bottom samples collected and analyzed were below site action levels. Depth of cut survey data for the site excavations is provided in Appendix D.

6.7 *In Situ* Soil Stabilization

ISS was performed in two areas (Area A and Area B) as shown on Figure 6-1. Hazardous material excavation was completed in Area A prior to initiating ISS in that area. ISS was completed during the period August 30, 2004 to October 12, 2004. Approximately 11,680 bank cubic yards of impacted soil was treated by ISS. Area A was stabilized from the ground surface to approximately 20 feet below ground surface, while the depth of stabilization in Area B varied from 18 to 24 feet below ground surface. The two performance criteria set forth to demonstrate immobilization of the subsurface contaminants included a maximum permeability of the ISS soil of 1×10^{-5} cm/sec, and a soil unconfined compressive strength between 10 pounds per square inch (psi) and 50 psi. Both criteria were to be measured at 28 days after the columns were mixed. Permeability is the primary criteria related to immobilization of the site contaminants. The strength criteria does not relate to immobilization of site contaminants and was instituted to aid future development of the site.

ISS treatment boundary and column location was surveyed in the field by Envirocon and verified by RETEC prior to starting ISS work. ISS was completed using a Delmag soil mixing rig equipped with an 8.5 feet diameter auger. The soil mixing rig was mounted on a CAT 350 excavator. Reagent mixture (cement bentonite slurry) was injected into the soil through ports on the auger. Soil mixing was accomplished by rotating the auger and injecting the reagent in a vertical column to the design depth. A total of 337 vertical columns covered the footprint of the two ISS areas. ISS columns were overlapped in order to ensure that the entire footprint is stabilized.

The final mix design for the project was developed in two phases. The first phase consisted of a laboratory study initiated by Envirocon immediately after they were chosen to complete the work on the site. Representative soil samples were collected from the site and mixed with varying amounts of cement and bentonite. The results of the laboratory tests were used to develop the recommended mix design for a series of test columns (the second phase of mix design) on the site using the production mixing equipment. Four test columns were completed on August 30, 2004. Rather than wait the full 28 day period for the test results to become available for the test columns, it was decided to proceed with production columns using a mix design of 30 percent cement and 1 percent bentonite by soil dry weight, a mix design that had been shown to safely meet the permeability performance criteria. Laboratory test results became available for the initial test columns at the point where the contractor had completed about half of the production columns using the 30 percent cement, 1 percent bentonite mix. It was decided to complete the final test columns using a mix design of 25 percent cement and one percent bentonite based on the test column mix results.

Envirocon collected soil samples from the treated ISS columns to verify that the stabilized soil mass meets the performance criteria specified in the EDR. Envirocon was required to sample one production column per day of production, no matter how much production had occurred during the day. One sample was submitted for permeability and strength testing for each day's production. In some cases, more than one sample was submitted for testing. ISS column testing results are provided in Appendix H. Test results demonstrate that the permeability performance criteria was achieved for each day of production. A single permeability sample result from column 60 in area B was above the permeability performance criteria. As noted from Appendix H, three samples (top, middle and bottom) were collected from column 60. The middle sample failed to meet the performance criteria while the top and bottom samples met the criteria for permeability. Overall RETEC believes that Column 60 meets the performance criteria for permeability as the average permeability of the three samples collected is 9.93×10^{-6} which meets the performance criteria for the Site.

A portion of the residual material (swell) resulting from ISS operations was used to grade the disturbed areas within the ISS footprint. The remaining

swell material was temporarily stockpiled onsite and RETEC collected samples for characterization and disposal. Based on analytical results, the swell material was transported offsite as non-hazardous impacted material.

6.8 Loading, Transport, and Disposal of Impacted Material

Hazardous material and non-hazardous impacted material excavated from the site was placed temporarily in separate lined stockpile cells (Figure 6-1). Trucks entered the site via the construction access gate and material from the stockpile cell was loaded onto the trucks by the front-end loader. The trucks were decontaminated prior to exiting the site by removing loose soil from the wheels and undercarriage of the truck to avoid spills onto the roadway during transport. Hazardous material was transported to the Clean Harbors Aragonite Facility in Utah for treatment and disposal. Based on the truck logs and weight tickets, 101 tons of hazardous material was transported in 11 trucks. Certificate of disposal for the hazardous material is provided in Appendix E.

The non-hazardous impacted material was transported to the Rabanco Transfer Facility located in Seattle. From the transfer station, the material was shipped by rail to Roosevelt Regional Landfill located in Klickitat County (a Subtitle D permitted facility). All trucks that contained waste materials were weighed at the Rabanco Transfer Station. The number of truckloads transported off site each workday was documented by RETEC and bill of lading were completed for each truck exiting the site. Based on the weight tickets, 4,421 tons of impacted upland soil and swell material was transported offsite. Documentation from Rabanco for non-hazardous impacted material is provided in Appendix E.

6.9 Water Management

All stormwater, groundwater and decontamination water generated at the site during the project was collected in onsite storage tanks. The water collected from these sources was stored temporarily in onsite storage tanks. Water collected in the storage tanks was sampled by RETEC for characterization and disposal. A total of approximately 120,000 gallons of water was transported offsite by Philips Services Corp. (Philips) of Kent, Washington for treatment and disposal.

6.10 Backfill

Soil backfill was imported from Miles Sand and Gravel Company located in Auburn, Washington. The backfill material met the specification requirement for grain size and chemical parameters as specified in the construction documents. Backfill material information from the material supplier is provided in Appendix G. A total of 4,370 tons of fill material was imported to the site.

Prior to engaging in any backfilling operations in the Area C and Area D, RETEC reviewed the confirmational sampling results for those areas. Upon obtaining approval from RETEC, Envirocon placed the imported backfill material in loose lifts not exceeding 12-inches and compacted it using compaction equipment to a firm and non-yielding condition. Upon compaction, the finished surface was shaped for general site grading.

6.11 Site Restoration

Upon completing final grading at the site, Envirocon demobilized equipment, materials, supplies, debris, and temporary facilities on October 15, 2004. Debris from remediation activities included used PPE, disposable sampling equipment and general construction debris. All debris was transported offsite and disposed of by Envirocon.

Upon completion of site grading, a topographic survey was performed at the site. As-built drawings are provided as Appendix D. Approximately 4 acres of disturbed site areas was seeded and fertilized. Photographs from soil remediation activities at the Site and a photo log are provided on a disc in Appendix I. Field activity logs for the soil remediation project are provided in Appendix J.

6.12 Air Monitoring

Air monitoring at the site was performed during excavation activities by RETEC and Envirocon in accordance with the site-specific project Health and Safety Plans (HASP). As specified in the HASP, air monitoring was performed continuously during site activities. During ISS, excavation and other site activities, a MiniRam was used to monitor the particulate concentration in the work area and a photoionization detector (PID) used for detection of organic gases and vapors. All air monitoring results were below action levels for the site.

**Table 6-1 Post-Excavation Confirmation Sample Data
Baxter Uplands Cleanup**

	Sample Matrix Chemical Compound Cleanup Level ⁽¹⁾ Action Level Unit	Soil TPAH 784 1,000 mg/kg
Sample ID	Sample Date	
CS1-091404-5	9/14/2004	3.135
CS2-091404-4.5	9/14/2004	3.135
CS3-091404-5	9/14/2004	24.682
CS4-091404-5	9/14/2004	3.135
CS5-091404-5	9/14/2004	3.135
CS6-091404-5	9/14/2004	3.135
CS7-091404-4.5	9/14/2004	3.135
CS8-091404-4.5	9/14/2004	3.135
CS9-091404-4.5	9/14/2004	3.135
CS10-091404-4.5	9/14/2004	3.135
CS11-091404-4.5	9/14/2004	3.135
CS12-091404-5	9/14/2004	21.953
CS13-091404-4.5	9/14/2004	4.26
CF1-091404-GW	9/14/2004	17.324
CF2-091404-GW	9/14/2004	55.699
CF3-091404-GW	9/14/2004	3.135
CF4-091404-GW	9/14/2004	4.295
DS1-082004-5	8/20/2004	3.135
DS2-082004-5	8/20/2004	3.135
DS3-082004-4	8/20/2004	3.135
DS4-082004-4.5	8/20/2004	3.135
DS5-082004-3.5	8/20/2004	22.525
DS6-082004-4	8/20/2004	3.135
DS7-082004-4	8/20/2004	3.75
DS8-082004-3	8/20/2004	12.066
DS9-082004-3	8/20/2004	3.135
DS10-082004-4	8/20/2004	3.135
DF1-082004-GW	8/20/2004	3.135
DF2-082004-GW	8/20/2004	3.135
DF3-082004-GW	8/20/2004	3.31
DF4-082004-GW	8/20/2004	4.341

Notes:

1 Soil cleanup level applicable for the site is the MTCA Method B Direct Contact criteria and protection of groundwater criteria referenced in the CAP

7 Summary and Conclusions

7.1 Summary Statements

Site remediation for the capital portions of the South Baxter project was completed between September 2002 and October 2004. The site work source remediation included DNAPL removal, soil excavation and disposal or treatment, and ISS. Mitigation work on the site included construction of the forested wetland along the lake shore. In our opinion, the South Baxter cleanup action has been constructed in substantial compliance with the intended design as presented in the plans and specifications and related documents.

As specified in the CAP, a pre-certification inspection is required as part of the approval process for Ecology to issue the Partial Certificate of Completion for the Site. PQC will contact Ecology within 90 days after submitting this report, to schedule and conduct a pre-certification inspection at the Site to satisfy the CAP requirements toward obtaining the Partial Certificate of Completion.

7.2 Certification of Completion

The RETEC Group, Inc. certifies that the cleanup action requirement at South Baxter Property - Renton, Washington has been performed in a manner that is protective of human health and the environment and compatible with future use of the site. The cleanup action has been completed in substantial compliance with the Consent Decree No. 00-2-11779-5 KNT with Ecology and the CAP.

7.3 Future Site Activities

The remaining site activities to be completed at the site as part of the remedial action include capping and groundwater monitoring. Groundwater monitoring program will be initiated at the South Baxter Property in 2005 in accordance with the details specified in the CAP. Capping will be completed on both the North and South Baxter Properties in conjunction with the site development of these properties as required in the consent decree for the site.

8 References

RETEC, 2002. *Engineering Design Report, J.H Baxter South Property*. May 28, 2002.

RETEC, 2002. *Baxter Cove Cleanup, Bid Specifications*. July 29, 2002

RETEC, 2004. *Excavation and In Situ Solidification Specifications*. February 23, 2004

Appendix A

Laboratory Analytical Results – Baxter Cove Excavation Confirmation Samples

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST

Project Name: J. H. Baxter S. Property	Laboratory: North Creek Analytical, Inc., Bothell, WA
Project Reference: J. H. Baxter S. Property	Sample Matrix: Soil
RETEC Project No.: VULAN-16672-700	Sample Start Date: 10/03/2002
Verified By/Date Verified: Sue Milcan 01/25/2005 (completed)	Sample End Date: 09/14/2004

Samples Analyzed:

Matrix	Sample ID	Sample Date	Sample Time	Lab SDG	Lab ID
Soil	CS-1-1002	10/3/2002	10:20	B2J0104	B2J0104-01
Soil	CS-2-1002	10/3/2002	12:40	B2J0104	B2J0104-02
Soil	CS-3-1002	10/3/2002	12:15	B2J0104	B2J0104-03
Soil	CS-4-1002	10/3/2002	12:50	B2J0104	B2J0104-04
Soil	CS-5-1002	10/3/2002	12:30	B2J0104	B2J0104-05
Soil	CB-1-1002	10/3/2002	11:20	B2J0104	B2J0104-06
Soil	CB-2-1002	10/3/2002	12:00	B2J0104	B2J0104-07
Soil	CB-3-1002	10/3/2002	11:40	B2J0104	B2J0104-08
Soil	CB-4-1002	10/3/2002	11:50	B2J0104	B2J0104-09
Soil	CS-6-1002	10/5/2002	10:10	B2J0150	B2J0150-01
Soil	CS-7-1002	10/5/2002	08:45	B2J0150	B2J0150-02
Soil	CS-8-1002	10/5/2002	10:20	B2J0150	B2J0150-03
Soil	CS-9-1002	10/5/2002	09:50	B2J0150	B2J0150-04
Soil	CB-5-1002	10/5/2002	09:00	B2J0150	B2J0150-05
Soil	CB-6-1002	10/5/2002	08:15	B2J0150	B2J0150-06
Soil	CB-7-1002	10/5/2002	10:05	B2J0150	B2J0150-07
Soil	CB-8-1002	10/5/2002	09:25	B2J0150	B2J0150-08
Soil	CB-9-1002	10/5/2002	11:10	B2J0150	B2J0150-09
Soil	CB-10-1002	10/5/2002	09:35	B2J0150	B2J0150-10
Soil	HA-1-1002	10/9/2002	09:45	B2J0232	B2J0232-01
Soil	CS-10-1002	10/9/2002	10:10	B2J0232	B2J0232-02
Soil	CS-12-1002	10/9/2002	10:10	B2J0232	B2J0232-03
Soil	CB-11-1002	10/9/2002	11:40	B2J0232	B2J0232-04
Soil	CS-11-1002	10/9/2002	13:00	B2J0232	B2J0232-05
Soil	CS-13-1002	10/9/2002	13:15	B2J0232	B2J0232-06
Soil	RCS-2-1002	10/11/2002	09:30	B2J0312	B2J0312-03
Soil	RCB-2-1002	10/11/2002	09:45	B2J0312	B2J0312-04
Soil	RCB-3-1002	10/11/2002	13:30	B2J0312	B2J0312-05
Soil	RCB-8-1002	10/11/2002	12:20	B2J0312	B2J0312-06
Soil	RCS-8-1002	10/11/2002	14:15	B2J0312	B2J0312-07

Continued on next page

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

Samples Analyzed: (cont.)

Matrix	Sample ID	Sample Date	Sample Time	Lab SDG	Lab ID
Soil	DS1082004-5'	8/20/2004	14:00	B4H0566	B4H0566-01
Soil	DS2082004-5'	8/20/2004	14:05	B4H0566	B4H0566-02
Soil	DS3082004-4'	8/20/2004	14:10	B4H0566	B4H0566-03
Soil	DS4082004-4.5'	8/20/2004	14:15	B4H0566	B4H0566-04
Soil	DS5082004-3.5'	8/20/2004	14:20	B4H0566	B4H0566-05
Soil	DS6082004-4'	8/20/2004	14:25	B4H0566	B4H0566-06
Soil	DS7082004-4'	8/20/2004	14:30	B4H0566	B4H0566-07
Soil	DS8082004-3'	8/20/2004	14:35	B4H0566	B4H0566-08
Soil	DS9082004-3'	8/20/2004	14:40	B4H0566	B4H0566-09
Soil	DS10082004-4'	8/20/2004	14:45	B4H0566	B4H0566-10
Soil	DF1082004 GW	8/20/2004	14:50	B4H0566	B4H0566-11
Soil	DF2082004 GW	8/20/2004	14:55	B4H0566	B4H0566-12
Soil	DF3082004 GW	8/20/2004	15:00	B4H0566	B4H0566-13
Soil	DF4082004 GW	8/20/2004	15:05	B4H0566	B4H0566-14
Soil	CS1091404-5'	9/14/2004	08:55	B4I0323	B4I0323-01
Soil	CS2091404-4.5'	9/14/2004	09:00	B4I0323	B4I0323-02
Soil	CS3091404-5'	9/14/2004	09:03	B4I0323	B4I0323-03
Soil	CS4091404-5'	9/14/2004	09:09	B4I0323	B4I0323-04
Soil	CS5091404-5'	9/14/2004	09:11	B4I0323	B4I0323-05
Soil	CS6091404-5'	9/14/2004	09:16	B4I0323	B4I0323-06
Soil	CS7091404-4.5'	9/14/2004	09:25	B4I0323	B4I0323-07
Soil	CS8091404-4.5'	9/14/2004	09:30	B4I0323	B4I0323-08
Soil	CS9091404-4.5'	9/14/2004	09:34	B4I0323	B4I0323-09
Soil	CS10091404-4.5'	9/14/2004	09:36	B4I0323	B4I0323-10
Soil	CS11091404-4.5'	9/14/2004	13:52	B4I0323	B4I0323-11
Soil	CS12091404-5'	9/14/2004	13:56	B4I0323	B4I0323-12
Soil	CS1309140-4.5'	9/14/2004	14:00	B4I0323	B4I0323-13
Soil	CF109140-GW	9/14/2004	09:12	B4I0323	B4I0323-14
Soil	CF209140-GW	9/14/2004	09:30	B4I0323	B4I0323-15
Soil	CF309140-GW	9/14/2004	09:45	B4I0323	B4I0323-16
Soil	CF409140-GW	9/14/2004	09:55	B4I0323	B4I0323-17

Parameters Verified: Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS method 8270C.

Laboratory Project IDs: B2J0104, B2J0150, B2J0232, B2J0312, B4H0566, B4I0323.

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

PRECISION, ACCURACY, METHOD COMPLIANCE, AND COMPLETENESS ASSESSMENT						
Precision:	X	Acceptable		Unacceptable	SM	Initials
<p>Comments: Precision is the measure of variability of individual sample measurements. Field precision was not determined for this sampling round since field duplicate samples were not submitted for analysis. Laboratory precision was determined by examination of laboratory duplicate results. Evaluation of laboratory duplicates for precision was done using the Relative Percent Difference (RPD). The RPD is defined as the difference between two duplicate samples divided by the mean and expressed as a percent. RPD limits referenced EPA published QC limits. No data require qualification based on this measurement, and overall field and laboratory precision is acceptable. Precision measurements are reviewed in items 17 and 21.</p>						
Accuracy:	X	Acceptable		Unacceptable	SM	Initials
<p>Comments: Field accuracy, a measure of the sampling bias, was not determined for this sampling round since field, equipment rinse, and/or trip blank samples were not submitted for analysis or else were not required. Laboratory accuracy, a measure of the system bias, was measured by evaluating laboratory control sample and laboratory control sample duplicate (LCS, LCSD), matrix spike and matrix spike duplicate (MS, MSD), and organic system monitoring compounds (surrogate) percent recoveries (%Rs). LCS and LCSD %Rs demonstrated overall analytical performance. MS and MSD %Rs provided information on sample matrix interferences. System monitoring compound or surrogate recoveries measured system performance and efficiency during organic analysis. These %Rs were compared to EPA published and/or laboratory control charted QC limits. Although some data require qualification based on surrogate or matrix spike %Rs (see items 14 and 16), overall overall laboratory accuracy is acceptable since a majority of the data is unqualified and no data are rejected. Accuracy measurements are reviewed in items 12, 14, 15, 16, and 20.</p>						
Method Compliance:	X	Acceptable		Unacceptable	SM	Initials
<p>Comments: For this data set, method compliance was determined by evaluating sample integrity, reporting limits, holding time, and laboratory blanks against method specified requirements. Laboratory flags indicating low internal standard areas were also considered, even though supporting documentation to fully evaluate the impact of the laboratory comments was not provided in this level of data package submittal. Although some data require qualification based on low internal standard area (see item 19), overall method compliance is acceptable, based on the data submitted, since a majority of the data is unqualified and no data are rejected. Method compliance measurements are reviewed in items 4, 6, 8, 11, 13, 18, 19, 20, and 22.</p>						
Completeness:	X	Acceptable		Unacceptable	SM	Initials
<p>Comments: Completeness is the overall ratio of the number of samples planned versus the number of samples with valid analyses. Completeness goals are set at 90-100%. Determination of completeness included a review of chain of custody records, laboratory analytical methods, and detection limits. Completeness also included 100% review of the laboratory sample data results and QC summary reports. All of the submitted data were useable, some with qualification. Since no data were rejected or missing, completeness of the data set is calculated to be 100% and is acceptable.</p>						
VERIFICATION CRITERIA CHECK						
<p>Data verification qualifiers used in this review:</p> <p>J – estimated concentration</p> <p>UJ – undetected, reporting limit is estimated</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						
1. Did the laboratory identify any non-conformances related to the analytical results?	X	Yes		No	SM	Initials
<p>Explanation by laboratory: Laboratory case narratives were not submitted with the data reports. However, any assigned laboratory flags were evaluated during the data review process.</p> <p>Data qualification, if any, related to the assigned laboratory flags are discussed in the following sections.</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

2. Were sample Chain-of-Custody forms complete?	X	Yes	No	SM	Initials
Comments: A COC record was not received for samples collected from 10/03/2002 to 10/09/2002. No action is required for this level of review other than to note this observation. For the 10/11/2002 and all 2004 samples, samples were delivered directly from the field to the laboratory. COC records from field to laboratory were complete, and custody was maintained as evidenced by field and laboratory personnel signatures, dates, and times of receipt.					
3. Were all the analyses requested for the samples on the COCs completed by the laboratory?	X	Yes	No	SM	Initials
Comments: PAH results were submitted for those 2002 soil samples listed in the table of select samples as sent to the data validator. For the 10/11/2002 and all 2004 soil samples, all requested analyses as documented on the original COCs were completed by the laboratory.					
4. Were samples received in good condition and at the appropriate temperature?	X	Yes	No	SM	Initials
Comments: No problems with sample condition were noted in the laboratory reports for the 10/03/2002 to 10/09/2002 samples. No further information on sample receipt is provided for these 2002 samples, and no action is required for this level of data review other than to note this observation. The 10/11/2002 and all 2004 samples were received intact and in good condition. Samples were delivered directly from the field to the laboratory at the close of the sampling event each day. The cooler temperature for the 10/11/2002 samples was compliant at 6°C as noted on the signed COC record. Although cooler receipt temperatures for the 2004 samples were elevated (close to room temperature at 20.4°C to 22.5°C), no action is required since no opportunity existed for compromised condition due to sample shipping. No action is required for this level of review other than to note this observation.					
5. Were the requested analytical methods in compliance with WP/QAPP, permit, or COC?	X	Yes	No	SM	Initials
Comments: Reported methods were in compliance with COC records or are applicable for the requested analytes.					
6. Were detection limits in accordance with WP/QAPP, permit, or method?	X	Yes	No	SM	Initials
Comments: Reporting limits (RLs) are achievable by the quoted methods. Some samples required analysis at diluted levels due to high target analyte concentration or matrix interference. The RLs for diluted results were raised appropriately. Additionally, the RLs for soil results reported on a dry weight basis were raised accordingly to accommodate the percent moisture content.					
7. Do the laboratory reports include only those constituents requested to be reported for a specific analytical method?	X	Yes	No	SM	Initials
Comments: Only the requested target analytes were reported.					
8. Were sample holding times met?	X	Yes	No	SM	Initials
Comments: Extraction and analytical holding times were met for all samples.					
9. Were correct concentration units reported?	X	Yes	No	SM	Initials
Comments: Correct concentration units were reported. Soil PAH results are reported as mg/kg dry weight (ppm).					
10. Were the reporting requirements for flagged data met?	X	Yes	No	SM	Initials
Comments: Data validation qualifiers override any assigned laboratory data flags.					
11. Were laboratory blank samples free of target analyte contamination?	X	Yes	No	SM	Initials
Comments: The reported laboratory blanks were free of target analyte contamination.					

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

12. Were trip blank, field blank, and/or equipment rinse blank samples free of target analyte contamination?		Yes		No	SM	Initials
Comments: Not applicable - Field blank and equipment rinse blank samples were not submitted for analysis. Trip blank samples are not applicable to the method. Field accuracy was not evaluated.						
13. Were instrument calibrations within method or data validation control limits?		Yes		No	SM	Initials
Comments: Not applicable for this level of data verification – Instrument calibration data were not supplied in analytical laboratory reports and were therefore not included in this data review.						
14. Were surrogate recoveries within control limits?		Yes	X	No	SM	Initials
<p>Comments: Surrogate %Rs were within the stated laboratory control-charted QC limits for all project samples and associated QC samples, except as noted.</p> <p>SDG B2J0104: The surrogate %R for sample CS-1-1002 was low outside of the 42-141% laboratory QC limits at 23.3%. This sample was not reanalyzed. All PAH results for this sample require J qualifiers to indicate estimated concentrations, possibly biased low, due to unconfirmed matrix interference.</p> <p>SDG B2J0150: Surrogate %Rs were low in the initial analysis of samples CS-7-1002, CS-9-1002, CB-7-1002, CB-8-1002, CB-9-0102, and CB-10-1002. These analyses were followed by reanalysis that reported adequate surrogate %R for all samples. Consequently, the reanalysis of these samples should be designated as the reportable results, without qualification. No further action is required other than to note this observation.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						
15. Were laboratory control sample recoveries within control limits?	X	Yes		No	SM	Initials
Comments: Supplied LCS and LCSD %Rs were within organic data validation QC limits of 70-130% for all reported target analytes, and were also within laboratory control charted QC limits as allowed for SW-846 organic methods.						
16. Were matrix spike recoveries within control limits?		Yes	X	No	SM	Initials
<p>Comments: Reported MS and MSD %Rs for target analytes were within data validation and laboratory control-charted QC limits for the reported target analytes, or were not applicable due to native sample concentrations that exceeded four times the spike amount, except as noted.</p> <p>SDG B2J0312: The MS/MSD %Rs for indeno(123-cd)pyrene were low outside of laboratory QC limits at 7.82-13.7% in the spiked analysis of sample RCS-2-1002. The Indeno(123-cd)pyrene result for source sample RCS-2-1002 requires a J qualifier to indicate an estimated concentration, possibly biased low, due to confirmed matrix interference.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						
17. Were duplicate RPDs and/or serial dilution %Ds within control limits?		Yes	X	No	SM	Initials
<p>Comments: Laboratory RPDs for target analytes in LCS/LCSD and MS/MSD samples were within both data validation and laboratory control charted QC limits for the reported target analytes, except as noted.</p> <p>SDG B2J0312: The RPD for indeno(123-cd)pyrene was high outside of laboratory QC limits at 43% in the MS/MSD analysis of sample RCS-2-1002 due to variability between spike %Rs. Since the indeno(123-cd)pyrene result for source sample RCS-2-1002 was already qualified based on spike %Rs (see item 16), no further action is required other than to note this observation.</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

18. Were organic system performance criteria met?		Yes		No	SM	Initials
<i>Comments: Not applicable for this level of data verification – Organic system performance data was not supplied in analytical laboratory reports and was therefore not included in this data review.</i>						
19. Were internal standards within method criteria for GC/MS sample analyses?		Yes		No	SM	Initials
<i>Comments: Not applicable for this level of data verification – GC/MS Internal standard data was not supplied in analytical laboratory reports and was therefore not included in this data review, unless specifically commented on by the laboratory as noted below.</i>						
<p>Laboratory SDG B4H0566: Assigned laboratory flags identified target analytes associated with low internal standard area in sample DF3082004 GW. Matrix interference affecting the internal standard recovery was confirmed in reanalysis. The degree of noncompliance was not provided in the laboratory report. Associated target analytes in sample DF3082004 GW require UJ qualifiers to indicate undetected results at estimated reporting limits due to confirmed matrix interference.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						
20. Were inorganic system performance criteria met?		Yes		No	SM	Initials
<i>Comments: Not applicable for the reported method or for this level of data verification.</i>						
21. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	X	Yes		No	SM	Initials
Duplicate Sample No.			Primary Sample No.			
<i>Comments: Not applicable - Field duplicate samples were not submitted for analysis with this data set. Field precision was not evaluated.</i>						
22. Were qualitative/quantitative criteria for organic target analyte identification met?		Yes		No	SM	Initials
<i>Comments: Not applicable for this level of data verification – GC/MS quantitation reports and chromatograms were not supplied in analytical laboratory reports and were therefore not included in this data review.</i>						
23. Were 100% of the EDD concentrations and reporting limits compared to the hardcopy data reports?		Yes		No	SM	Initials
<i>Comments: Not applicable – EDDs were not either not submitted for this data set, or were not designated for review.</i>						
<p>24. General Comments:</p> <p>Data were evaluated based on validation criteria set forth in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, document number EPA540/R-99/008 of October 1999 as they applied to the reported methodology.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

Table of Qualified Analytical Results
J. H. Baxter S. Property
Soil Samples
North Creek Analytical, Inc. Reports (as listed)
October 2002 – September 2004

Sample ID	Matrix	Lab SDG	Method	Analyte	Concentration	Qualifier	Reason Code
CS-1-1002	Soil	B2J0104	8270C	Acenaphthene	0.446 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Acenaphthylene	0.0124 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Anthracene	0.440 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Benzo (a) anthracene	0.252 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Benzo (a) pyrene	0.139 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Benzo (b) fluoranthene	0.148 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Benzo (ghi) perylene	0.0794 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Benzo (k) fluoranthene	0.116 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Chrysene	0.319 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Dibenz (a,h) anthracene	0.0309 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Fluoranthene	1.29 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Fluorene	0.527 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Indeno (1,2,3-cd) pyrene	0.0671 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Naphthalene	0.132 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Phenanthrene	1.59 mg/kg	J	SUR
CS-1-1002	Soil	B2J0104	8270C	Pyrene	1.02 mg/kg	J	SUR
RCS-2-1002	Soil	B2J0312	8270C	Indeno (1,2,3-cd) pyrene	0.976 mg/kg	J	MS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(a)pyrene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(b)fluoranthene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(k)fluoranthene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(ghi)perylene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Dibenz(a,h)anthracene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Indeno(123-cd)pyrene	< 0.330 mg/kg	UJ	Low IS

Qualifier definitions:

J – estimated concentration

UJ – undetected, reporting limit is estimated

Reason Codes:

Low IS – Internal standard area is low due to confirmed matrix interference

MS – Matrix spike %R outlier, confirmed matrix interference

SUR – Surrogate standard %R outlier, possible matrix interference

15 October 2002

Katie Hendrickson
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134
RE: Baxter Cove

Enclosed are the results of analyses for samples received by the laboratory on 09/24/02 13:15-10/09/02 14:05. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Kortland Orr". The signature is fluid and cursive, with the first name being more prominent.

Kortland Orr
PM

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

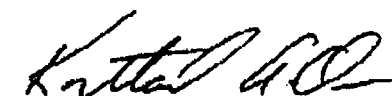
Reported:
10/15/02 19:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-1-0902	B2I0496-01	Water	09/24/02 07:30	09/24/02 13:15
SS-2-0902	B2I0661-01	Water	09/30/02 08:20	09/30/02 12:45
SS-3-0902	B2I0661-02	Water	09/30/02 09:45	09/30/02 12:45
ST-1-0902	B2I0661-03	Soil	09/30/02 10:30	09/30/02 12:45
ST-2-0902	B2I0661-04	Soil	09/30/02 10:35	09/30/02 12:45
ST-3-0902	B2I0661-05	Soil	09/30/02 10:40	09/30/02 12:45
CS-1-1002	B2J0104-01	Soil	10/03/02 10:20	10/03/02 16:30
CS-2-1002	B2J0104-02	Soil	10/03/02 12:40	10/03/02 16:30
CS-3-1002	B2J0104-03	Soil	10/03/02 12:15	10/03/02 16:30
CS-4-1002	B2J0104-04	Soil	10/03/02 12:50	10/03/02 16:30
CS-5-1002	B2J0104-05	Soil	10/03/02 12:30	10/03/02 16:30
CB-1-1002	B2J0104-06	Soil	10/03/02 11:20	10/03/02 16:30
CB-2-1002	B2J0104-07	Soil	10/03/02 12:00	10/03/02 16:30
CB-3-1002	B2J0104-08	Soil	10/03/02 11:40	10/03/02 16:30
CB-4-1002	B2J0104-09	Soil	10/03/02 11:50	10/03/02 16:30
ST-4-1002	B2J0104-10	Soil	10/03/02 13:30	10/03/02 16:30
ST-5-1002	B2J0104-11	Soil	10/03/02 13:40	10/03/02 16:30
SS-4-1002	B2J0134-01	Water	10/04/02 00:00	10/04/02 16:45
CS-6-1002	B2J0150-01	Soil	10/05/02 10:10	10/05/02 13:30
CS-7-1002	B2J0150-02	Soil	10/05/02 08:45	10/05/02 13:30
CS-8-1002	B2J0150-03	Soil	10/05/02 10:20	10/05/02 13:30
CS-9-1002	B2J0150-04	Soil	10/05/02 09:50	10/05/02 13:30
CB-5-1002	B2J0150-05	Soil	10/05/02 09:00	10/05/02 13:30
CB-6-1002	B2J0150-06	Soil	10/05/02 08:15	10/05/02 13:30
CB-7-1002	B2J0150-07	Soil	10/05/02 10:05	10/05/02 13:30
CB-8-1002	B2J0150-08	Soil	10/05/02 09:25	10/05/02 13:30
CB-9-1002	B2J0150-09	Soil	10/05/02 11:10	10/05/02 13:30
CB-10-1002	B2J0150-10	Soil	10/05/02 09:35	10/05/02 13:30
ST-6-1002	B2J0150-11	Soil	10/05/02 11:30	10/05/02 13:30

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Kortland Orr, PM

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

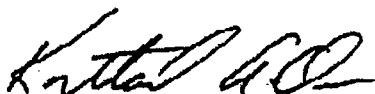
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-5-1002	B2J0160-01	Water	10/07/02 16:10	10/07/02 16:55
HA-1-1002	B2J0232-01	Soil	10/09/02 09:45	10/09/02 14:05
CS-10-1002	B2J0232-02	Soil	10/09/02 10:10	10/09/02 14:05
CS-12-1002	B2J0232-03	Soil	10/09/02 10:10	10/09/02 14:05
CB-11-1002	B2J0232-04	Soil	10/09/02 11:40	10/09/02 14:05
CS-11-1002	B2J0232-05	Soil	10/09/02 13:00	10/09/02 14:05
CS-13-1002	B2J0232-06	Soil	10/09/02 13:15	10/09/02 14:05

North Creek Analytical - Bothell



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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

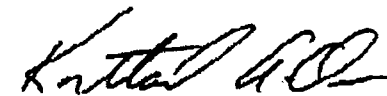
Reported:
10/15/02 19:04

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1-0902 (B2I0496-01) Water Sampled: 09/24/02 07:30 Received: 09/24/02 13:15									
Arsenic	0.00287	0.00100	mg/l	1	2I25032	09/25/02	09/26/02	EPA 6020	
Copper	0.0491	0.00100	"	"	"	"	"	"	
SS-2-0902 (B2I0661-01) Water Sampled: 09/30/02 08:20 Received: 09/30/02 12:45									
Arsenic	0.00760	0.00100	mg/l	1	2J01017	10/01/02	10/02/02	EPA 6020	
Copper	0.0203	0.00100	"	"	"	"	"	"	
SS-3-0902 (B2I0661-02) Water Sampled: 09/30/02 09:45 Received: 09/30/02 12:45									
Arsenic	0.00920	0.00100	mg/l	1	2J01017	10/01/02	10/02/02	EPA 6020	
Copper	0.0295	0.00100	"	"	"	"	"	"	
SS-4-1002 (B2J0134-01) Water Sampled: 10/04/02 00:00 Received: 10/04/02 16:45									
Arsenic	0.00700	0.00100	mg/l	1	2J07011	10/07/02	10/08/02	EPA 6020	
Copper	0.00838	0.00100	"	"	"	"	"	"	
SS-5-1002 (B2J0160-01) Water Sampled: 10/07/02 16:10 Received: 10/07/02 16:55									
Arsenic	0.00734	0.00100	mg/l	1	2J08031	10/08/02	10/09/02	EPA 6020	
Copper	0.0170	0.00100	"	"	"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-1-0902 (B210496-01) Water Sampled: 09/24/02 07:30 Received: 09/24/02 13:15									
2-Methylphenol	ND	10.0	ug/l	1	2124034	09/24/02	09/25/02	EPA 8270C	
3 & 4-Methylphenol	ND	10.0	"	"	"	"	"	"	
Naphthalene	ND	10.0	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Surrogate: 2-FP	48.1 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	30.9 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	79.4 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	69.3 %	35-119			"	"	"	"	
Surrogate: 2-FBP	77.3 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	80.7 %	10-131			"	"	"	"	
SS-2-0902 (B210661-01) Water Sampled: 09/30/02 08:20 Received: 09/30/02 12:45									
2-Methylphenol	ND	100	ug/l	10	2130031	09/30/02	10/02/02	EPA 8270C	
3 & 4-Methylphenol	ND	100	"	"	"	"	"	"	
Naphthalene	4640	500	"	50	"	"	10/03/02	"	
Pentachlorophenol	ND	100	"	10	"	"	10/02/02	"	
Surrogate: 2-FP	49.6 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	36.0 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	88.8 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	79.2 %	35-119			"	"	"	"	
Surrogate: 2-FBP	83.9 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	94.3 %	10-131			"	"	"	"	
SS-3-0902 (B210661-02) Water Sampled: 09/30/02 09:45 Received: 09/30/02 12:45									
2-Methylphenol	ND	100	ug/l	10	2130031	09/30/02	10/03/02	EPA 8270C	
3 & 4-Methylphenol	ND	100	"	"	"	"	"	"	
Naphthalene	496	100	"	"	"	"	"	"	
Pentachlorophenol	ND	100	"	"	"	"	"	"	
Surrogate: 2-FP	49.6 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	34.7 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	82.4 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	68.4 %	35-119			"	"	"	"	
Surrogate: 2-FBP	82.0 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	81.6 %	10-131			"	"	"	"	

North Creek Analytical - Bothell

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Seattle WA, 98134

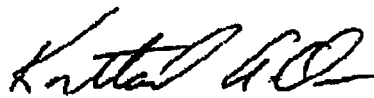
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-4-1002 (B2J0134-01) Water Sampled: 10/04/02 00:00 Received: 10/04/02 16:45									
2-Methylphenol	ND	10.0	ug/l	1	2J05002	10/05/02	10/07/02	EPA 8270C	
3 & 4-Methylphenol	22.4	10.0	"	"	"	"	"	"	
Naphthalene	1450	100	"	10	"	"	10/08/02	"	
Pentachlorophenol	51.6	10.0	"	1	"	"	10/07/02	"	
Surrogate: 2-FP	46.4 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	61.2 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	77.5 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	75.8 %	35-119			"	"	"	"	
Surrogate: 2-FBP	58.5 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	42.8 %	10-131			"	"	"	"	
SS-5-1002 (B2J0160-01) Water Sampled: 10/07/02 16:10 Received: 10/07/02 16:55									
3,3'-Dichlorobenzidine	ND	100	ug/l	10	2J08006	10/08/02	10/08/02	EPA 8270C	
2-Methylphenol	ND	100	"	"	"	"	"	"	
3 & 4-Methylphenol	106	100	"	"	"	"	"	"	
Naphthalene	111	100	"	"	"	"	"	"	
Nitrobenzene	ND	100	"	"	"	"	"	"	
Pentachlorophenol	ND	100	"	"	"	"	"	"	
Surrogate: 2-FP	52.7 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	39.7 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	81.7 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	68.5 %	35-119			"	"	"	"	
Surrogate: 2-FBP	87.2 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	95.6 %	10-131			"	"	"	"	

North Creek Analytical - Bothell



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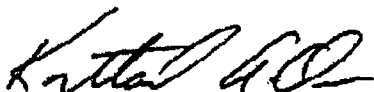
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Pentachlorophenol by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST-1-0902 (B2I0661-03) Soil Sampled: 09/30/02 10:30 Received: 09/30/02 12:45									
Pentachlorophenol	0.627	0.184	mg/kg dry	1	2130029	09/30/02	10/03/02	EPA 8270 Mod	
Surrogate: 2,4,6-TBP	20.4 %	19-138			"	"	"	"	
ST-2-0902 (B2I0661-04) Soil Sampled: 09/30/02 10:35 Received: 09/30/02 12:45									
Pentachlorophenol	1.28	0.345	mg/kg dry	2	2130029	09/30/02	10/03/02	EPA 8270 Mod	
Surrogate: 2,4,6-TBP	22.0 %	19-138			"	"	"	"	
ST-3-0902 (B2I0661-05) Soil Sampled: 09/30/02 10:40 Received: 09/30/02 12:45									
Pentachlorophenol	0.970	0.269	mg/kg dry	2	2130029	09/30/02	10/03/02	EPA 8270 Mod	
Surrogate: 2,4,6-TBP	25.4 %	19-138			"	"	"	"	

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Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

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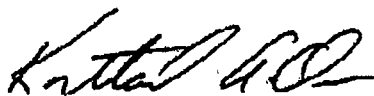
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST-1-0902 (B2I0661-03) Soil Sampled: 09/30/02 10:30 Received: 09/30/02 12:45									
Acenaphthene	13.1	0.367	mg/kg dry	10	2130029	09/30/02	10/07/02	EPA 8270 Mod	
Acenaphthylene	ND	0.367	"	"	"	"	"	"	
Anthracene	3.11	0.367	"	"	"	"	"	"	
Benzo (a) anthracene	2.96	0.367	"	"	"	"	"	"	
Benzo (a) pyrene	1.10	0.367	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.22	0.367	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.367	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.931	0.367	"	"	"	"	"	"	
Chrysene	3.40	0.367	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.367	"	"	"	"	"	"	
Fluoranthene	18.0	0.367	"	"	"	"	"	"	
Fluorene	11.5	0.367	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.367	"	"	"	"	"	"	
Naphthalene	32.2	0.367	"	"	"	"	"	"	
Phenanthrene	31.5	0.367	"	"	"	"	"	"	
Pyrene	11.7	0.367	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	16.3 %	42-141			"	"	"	"	S-06

ST-2-0902 (B2I0661-04) Soil Sampled: 09/30/02 10:35 Received: 09/30/02 12:45									
Acenaphthene	44.3	1.72	mg/kg dry	50	2130029	09/30/02	10/07/02	EPA 8270 Mod	
Acenaphthylene	12.5	1.72	"	"	"	"	"	"	
Anthracene	14.4	1.72	"	"	"	"	"	"	
Benzo (a) anthracene	9.19	1.72	"	"	"	"	"	"	
Benzo (a) pyrene	3.22	1.72	"	"	"	"	"	"	
Benzo (b) fluoranthene	3.33	1.72	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.72	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.99	1.72	"	"	"	"	"	"	
Chrysene	10.7	1.72	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.72	"	"	"	"	"	"	
Fluoranthene	56.6	1.72	"	"	"	"	"	"	
Fluorene	40.5	1.72	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.72	"	"	"	"	"	"	
Naphthalene	103	1.72	"	"	"	"	"	"	
Phenanthrene	106	1.72	"	"	"	"	"	"	
Pyrene	38.8	1.72	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	20.0 %	42-141			"	"	"	"	S-06

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Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

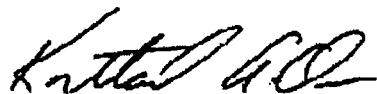
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST-3-0902 (B2I0661-05) Soil Sampled: 09/30/02 10:40 Received: 09/30/02 12:45									
Acenaphthene	27.2	1.34	mg/kg dry	50	2130029	09/30/02	10/07/02	EPA 8270 Mod	
Acenaphthylene	ND	1.34	"	"	"	"	"	"	
Anthracene	16.5	1.34	"	"	"	"	"	"	
Benzo (a) anthracene	5.82	1.34	"	"	"	"	"	"	
Benzo (a) pyrene	1.97	1.34	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.97	1.34	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.34	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.15	1.34	"	"	"	"	"	"	
Chrysene	7.52	1.34	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.34	"	"	"	"	"	"	
Fluoranthene	34.0	1.34	"	"	"	"	"	"	
Fluorene	26.5	1.34	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.34	"	"	"	"	"	"	
Naphthalene	56.0	1.34	"	"	"	"	"	"	
Phenanthrene	66.4	1.34	"	"	"	"	"	"	
Pyrene	23.9	1.34	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	23.9 %	42-141			"	"	"	"	S-06

CS-1-1002 (B2J0104-01) Soil Sampled: 10/03/02 10:20 Received: 10/03/02 16:30									
Acenaphthene	0.446	0.0100	mg/kg dry	1	2J04010	10/04/02	10/05/02	EPA 8270 Mod	
Acenaphthylene	0.0124	0.0100	"	"	"	"	"	"	
Anthracene	0.439	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	0.252	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.139	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.148	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.0794	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.116	0.0100	"	"	"	"	"	"	
Chrysene	0.319	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0309	0.0100	"	"	"	"	"	"	
Fluoranthene	1.29	0.0100	"	"	"	"	"	"	
Fluorene	0.527	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0671	0.0100	"	"	"	"	"	"	
Naphthalene	0.131	0.0100	"	"	"	"	"	"	
Phenanthrene	1.59	0.0100	"	"	"	"	"	"	
Pyrene	1.02	0.0100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	23.3 %	42-141			"	"	"	"	S-04

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Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

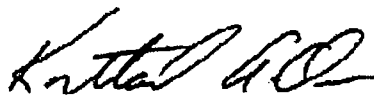
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-2-1002 (B2J0104-02) Soil Sampled: 10/03/02 12:40 Received: 10/03/02 16:30									
Acenaphthene	9.20	0.297	mg/kg dry	10	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	0.138	0.0297	"	1	"	"	10/05/02	"	
Anthracene	9.45	0.297	"	10	"	"	10/06/02	"	
Benzo (a) anthracene	4.28	0.0297	"	1	"	"	10/05/02	"	
Benzo (a) pyrene	1.48	0.0297	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.64	0.0297	"	"	"	"	"	"	
Benzo (ghi) perylene	0.536	0.0297	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.39	0.0297	"	"	"	"	"	"	
Chrysene	5.29	0.0297	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.253	0.0297	"	"	"	"	"	"	
Fluoranthene	20.3	0.297	"	10	"	"	10/06/02	"	
Fluorene	10.0	0.297	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.539	0.0297	"	1	"	"	10/05/02	"	
Naphthalene	10.1	0.297	"	10	"	"	10/06/02	"	
Phenanthrene	30.7	0.297	"	"	"	"	"	"	
Pyrene	15.1	0.297	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	42.5 %	42-141			"	"	10/05/02	"	
CS-3-1002 (B2J0104-03) Soil Sampled: 10/03/02 12:15 Received: 10/03/02 16:30									
Acenaphthene	2.34	0.0300	mg/kg dry	1	2J04010	10/04/02	10/05/02	EPA 8270 Mod	
Acenaphthylene	0.0480	0.0300	"	"	"	"	"	"	
Anthracene	2.52	0.0300	"	"	"	"	"	"	
Benzo (a) anthracene	0.909	0.0300	"	"	"	"	"	"	
Benzo (a) pyrene	0.480	0.0300	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.612	0.0300	"	"	"	"	"	"	
Benzo (ghi) perylene	0.276	0.0300	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.402	0.0300	"	"	"	"	"	"	
Chrysene	1.28	0.0300	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.117	0.0300	"	"	"	"	"	"	
Fluoranthene	4.43	0.0300	"	"	"	"	"	"	
Fluorene	2.84	0.0300	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.246	0.0300	"	"	"	"	"	"	
Naphthalene	1.65	0.0300	"	"	"	"	"	"	
Phenanthrene	8.18	0.0600	"	2	"	"	10/06/02	"	
Pyrene	3.23	0.0300	"	1	"	"	10/05/02	"	
Surrogate: p-Terphenyl-d14	59.6 %	42-141			"	"	"	"	

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Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

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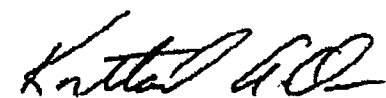
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-4-1002 (B2J0104-04) Soil Sampled: 10/03/02 12:50 Received: 10/03/02 16:30									
Acenaphthene	0.431	0.0297	mg/kg dry	1	2J04010	10/04/02	10/05/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0297	"	"	"	"	"	"	
Anthracene	0.251	0.0297	"	"	"	"	"	"	
Benzo (a) anthracene	0.217	0.0297	"	"	"	"	"	"	
Benzo (a) pyrene	0.220	0.0297	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.264	0.0297	"	"	"	"	"	"	
Benzo (ghi) perylene	0.145	0.0297	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.141	0.0297	"	"	"	"	"	"	
Chrysene	0.289	0.0297	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0472	0.0297	"	"	"	"	"	"	
Fluoranthene	0.773	0.0297	"	"	"	"	"	"	
Fluorene	0.358	0.0297	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.116	0.0297	"	"	"	"	"	"	
Naphthalene	0.314	0.0297	"	"	"	"	"	"	
Phenanthrene	0.908	0.0297	"	"	"	"	"	"	
Pyrene	0.588	0.0297	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	67.6 %	42-141			"	"	"	"	

CS-5-1002 (B2J0104-05) Soil Sampled: 10/03/02 12:30 Received: 10/03/02 16:30									
Acenaphthene	0.566	0.0286	mg/kg dry	1	2J04010	10/04/02	10/05/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0286	"	"	"	"	"	"	
Anthracene	0.492	0.0286	"	"	"	"	"	"	
Benzo (a) anthracene	0.418	0.0286	"	"	"	"	"	"	
Benzo (a) pyrene	0.697	0.0286	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.755	0.0286	"	"	"	"	"	"	
Benzo (ghi) perylene	0.484	0.0286	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.416	0.0286	"	"	"	"	"	"	
Chrysene	0.671	0.0286	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.153	0.0286	"	"	"	"	"	"	
Fluoranthene	1.23	0.0286	"	"	"	"	"	"	
Fluorene	0.629	0.0286	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.363	0.0286	"	"	"	"	"	"	
Naphthalene	0.224	0.0286	"	"	"	"	"	"	
Phenanthrene	1.82	0.0286	"	"	"	"	"	"	
Pyrene	0.937	0.0286	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	52.4 %	42-141			"	"	"	"	

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Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

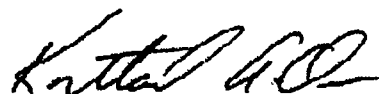
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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB-1-1002 (B2J0104-06) Soil Sampled: 10/03/02 11:20 Received: 10/03/02 16:30									
Acenaphthene	8.88	0.149	mg/kg dry	5	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	2.13	0.0297	"	1	"	"	10/05/02	"	
Anthracene	3.96	0.0297	"	"	"	"	"	"	
Benzo (a) anthracene	2.47	0.0297	"	"	"	"	"	"	
Benzo (a) pyrene	0.957	0.0297	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.09	0.0297	"	"	"	"	"	"	
Benzo (ghi) perylene	0.280	0.0297	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.719	0.0297	"	"	"	"	"	"	
Chrysene	2.06	0.0297	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.147	0.0297	"	"	"	"	"	"	
Fluoranthene	14.5	0.149	"	5	"	"	10/06/02	"	
Fluorene	8.53	0.149	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.301	0.0297	"	1	"	"	10/05/02	"	
Naphthalene	8.59	0.149	"	5	"	"	10/06/02	"	
Phenanthrene	23.7	0.149	"	"	"	"	"	"	
Pyrene	10.6	0.149	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	67.8 %	42-141			"	"	10/05/02	"	
CB-2-1002 (B2J0104-07) Soil Sampled: 10/03/02 12:00 Received: 10/03/02 16:30									
Acenaphthene	13.3	0.297	mg/kg dry	10	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	0.282	0.0297	"	1	"	"	10/05/02	"	
Anthracene	6.81	0.0297	"	"	"	"	"	"	
Benzo (a) anthracene	2.59	0.0297	"	"	"	"	"	"	
Benzo (a) pyrene	1.00	0.0297	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.16	0.0297	"	"	"	"	"	"	
Benzo (ghi) perylene	0.398	0.0297	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.773	0.0297	"	"	"	"	"	"	
Chrysene	2.79	0.0297	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.177	0.0297	"	"	"	"	"	"	
Fluoranthene	14.9	0.297	"	10	"	"	10/06/02	"	
Fluorene	12.3	0.297	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.364	0.0297	"	1	"	"	10/05/02	"	
Naphthalene	13.0	0.297	"	10	"	"	10/06/02	"	
Phenanthrene	33.9	0.297	"	"	"	"	"	"	
Pyrene	12.6	0.297	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	63.3 %	42-141			"	"	10/05/02	"	

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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

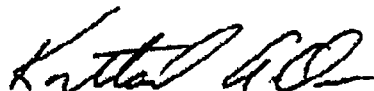
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB-3-1002 (B2J0104-08) Soil Sampled: 10/03/02 11:40 Received: 10/03/02 16:30									
Acenaphthene	113	2.88	mg/kg dry	100	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	0.866	0.288	"	10	"	"	10/05/02	"	
Anthracene	35.9	2.88	"	100	"	"	10/06/02	"	
Benzo (a) anthracene	24.7	0.288	"	10	"	"	10/05/02	"	
Benzo (a) pyrene	9.25	0.288	"	"	"	"	"	"	
Benzo (b) fluoranthene	10.2	0.288	"	"	"	"	"	"	
Benzo (ghi) perylene	2.37	0.288	"	"	"	"	"	"	
Benzo (k) fluoranthene	7.21	0.288	"	"	"	"	"	"	
Chrysene	21.1	0.288	"	"	"	"	"	"	
Dibenz (a,h) anthracene	1.35	0.288	"	"	"	"	"	"	
Fluoranthene	151	2.88	"	100	"	"	10/06/02	"	
Fluorene	99.9	2.88	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	2.65	0.288	"	10	"	"	10/05/02	"	
Naphthalene	139	2.88	"	100	"	"	10/06/02	"	
Phenanthrene	263	2.88	"	"	"	"	"	"	
Pyrene	109	2.88	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	62.8 %	42-141			"	"	10/05/02	"	

CB-4-1002 (B2J0104-09) Soil Sampled: 10/03/02 11:50 Received: 10/03/02 16:30									
Acenaphthene	2.51	0.0291	mg/kg dry	1	2J04010	10/04/02	10/05/02	EPA 8270 Mod	
Acenaphthylene	0.0364	0.0291	"	"	"	"	"	"	
Anthracene	1.40	0.0291	"	"	"	"	"	"	
Benzo (a) anthracene	1.11	0.0291	"	"	"	"	"	"	
Benzo (a) pyrene	0.791	0.0291	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.911	0.0291	"	"	"	"	"	"	
Benzo (ghi) perylene	0.435	0.0291	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.471	0.0291	"	"	"	"	"	"	
Chrysene	1.24	0.0291	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.161	0.0291	"	"	"	"	"	"	
Fluoranthene	6.32	0.0583	"	2	"	"	10/06/02	"	
Fluorene	3.18	0.0583	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.349	0.0291	"	1	"	"	10/05/02	"	
Naphthalene	1.43	0.0291	"	"	"	"	"	"	
Phenanthrene	8.37	0.0583	"	2	"	"	10/06/02	"	
Pyrene	3.85	0.0291	"	1	"	"	10/05/02	"	
Surrogate: p-Terphenyl-d14	57.3 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

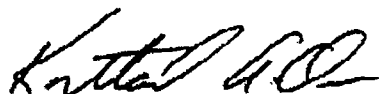
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10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST-4-1002 (B2J0104-10) Soil Sampled: 10/03/02 13:30 Received: 10/03/02 16:30									
Acenaphthene	190	0.702	mg/kg dry	10	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	2.29	0.702	"	"	"	"	"	"	
Anthracene	134	7.02	"	100	"	"	10/06/02	"	
Benzo (a) anthracene	69.3	0.702	"	10	"	"	10/06/02	"	
Benzo (a) pyrene	24.2	0.702	"	"	"	"	"	"	
Benzo (b) fluoranthene	30.8	0.702	"	"	"	"	"	"	
Benzo (ghi) perylene	7.02	0.702	"	"	"	"	"	"	
Benzo (k) fluoranthene	21.1	0.702	"	"	"	"	"	"	
Chrysene	78.3	0.702	"	"	"	"	"	"	
Dibenz (a,h) anthracene	3.93	0.702	"	"	"	"	"	"	
Fluoranthene	409	7.02	"	100	"	"	10/06/02	"	
Fluorene	229	7.02	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	7.72	0.702	"	10	"	"	10/06/02	"	
Naphthalene	191	7.02	"	100	"	"	10/06/02	"	
Phenanthrene	582	7.02	"	"	"	"	"	"	
Pyrene	297	7.02	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	64.8 %	42-141			"	"	10/06/02	"	
ST-5-1002 (B2J0104-11) Soil Sampled: 10/03/02 13:40 Received: 10/03/02 16:30									
Acenaphthene	48.0	0.297	mg/kg dry	10	2J04010	10/04/02	10/06/02	EPA 8270 Mod	
Acenaphthylene	0.576	0.297	"	"	"	"	"	"	
Anthracene	35.0	0.297	"	"	"	"	"	"	
Benzo (a) anthracene	15.8	0.297	"	"	"	"	"	"	
Benzo (a) pyrene	5.52	0.297	"	"	"	"	"	"	
Benzo (b) fluoranthene	4.91	0.297	"	"	"	"	"	"	
Benzo (ghi) perylene	1.58	0.297	"	"	"	"	"	"	
Benzo (k) fluoranthene	6.03	0.297	"	"	"	"	"	"	
Chrysene	14.8	0.297	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.849	0.297	"	"	"	"	"	"	
Fluoranthene	277	5.94	"	200	"	"	10/07/02	"	
Fluorene	50.0	0.297	"	10	"	"	10/06/02	"	
Indeno (1,2,3-cd) pyrene	1.67	0.297	"	"	"	"	"	"	
Naphthalene	50.1	0.297	"	"	"	"	"	"	
Phenanthrene	499	5.94	"	200	"	"	10/07/02	"	
Pyrene	58.2	0.297	"	10	"	"	10/06/02	"	
Surrogate: p-Terphenyl-d14	76.8 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CS-6-1002 (B2J0150-01) Soil Sampled: 10/05/02 10:10 Received: 10/05/02 13:30

Acenaphthene	7.14	0.100	mg/kg dry	10	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	0.213	0.100	"	"	"	"	"	"	
Anthracene	3.18	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	2.09	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	0.907	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.948	0.0100	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	0.331	0.100	"	10	"	"	10/09/02	"	
Benzo (k) fluoranthene	0.811	0.100	"	"	"	"	"	"	
Chrysene	2.49	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	10.5	0.100	"	"	"	"	"	"	
Fluorene	6.77	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.299	0.100	"	"	"	"	"	"	
Naphthalene	3.05	0.100	"	"	"	"	"	"	
Phenanthrene	19.4	0.100	"	"	"	"	"	"	
Pyrene	8.91	0.100	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 49.4 % 42-141 " " " "

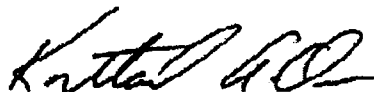
CS-6-1002 (B2J0150-01RE1) Soil Sampled: 10/05/02 10:10 Received: 10/05/02 13:30

Acenaphthene	13.6	0.200	mg/kg dry	10	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	0.213	0.200	"	"	"	"	"	"	
Anthracene	8.09	0.200	"	"	"	"	"	"	
Benzo (a) anthracene	4.25	0.200	"	"	"	"	"	"	
Benzo (a) pyrene	1.64	0.200	"	"	"	"	"	"	
Benzo (b) fluoranthene	2.13	0.200	"	"	"	"	"	"	
Benzo (ghi) perylene	0.534	0.200	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.22	0.200	"	"	"	"	"	"	
Chrysene	5.63	0.200	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.726	0.200	"	"	"	"	"	"	
Fluoranthene	23.9	0.200	"	"	"	"	"	"	
Fluorene	12.9	0.200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.555	0.200	"	"	"	"	"	"	
Naphthalene	3.35	0.200	"	"	"	"	"	"	
Phenanthrene	41.3	0.400	"	20	"	"	10/14/02	"	
Pyrene	16.4	0.200	"	10	"	"	10/14/02	"	

Surrogate: p-Terphenyl-d14 93.1 % 42-141 " " " "

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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

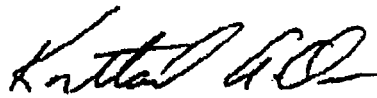
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10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-7-1002 (B2J0150-02) Soil Sampled: 10/05/02 08:45 Received: 10/05/02 13:30									
Acenaphthene	4.41	0.100	mg/kg dry	10	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	0.118	0.100	"	"	"	"	"	"	
Anthracene	1.42	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	1.35	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	1.42	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.16	0.0100	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	0.887	0.100	"	10	"	"	10/09/02	"	
Benzo (k) fluoranthene	0.994	0.100	"	"	"	"	"	"	
Chrysene	2.43	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.100	"	"	"	"	"	"	
Fluoranthene	6.02	0.100	"	"	"	"	"	"	
Fluorene	3.93	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.662	0.100	"	"	"	"	"	"	
Naphthalene	2.43	0.100	"	"	"	"	"	"	
Phenanthrene	12.4	0.100	"	"	"	"	"	"	
Pyrene	5.12	0.100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	41.2 %	42-141			"	"	"	"	
CS-7-1002 (B2J0150-02RE1) Soil Sampled: 10/05/02 08:45 Received: 10/05/02 13:30									
Acenaphthene	7.65	0.196	mg/kg dry	10	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.196	"	"	"	"	"	"	
Anthracene	2.53	0.196	"	"	"	"	"	"	
Benzo (a) anthracene	2.55	0.196	"	"	"	"	"	"	
Benzo (a) pyrene	1.79	0.196	"	"	"	"	"	"	
Benzo (b) fluoranthene	2.09	0.196	"	"	"	"	"	"	
Benzo (ghi) perylene	1.04	0.196	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.07	0.196	"	"	"	"	"	"	
Chrysene	4.59	0.196	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.881	0.196	"	"	"	"	"	"	
Fluoranthene	12.0	0.196	"	"	"	"	"	"	
Fluorene	6.73	0.196	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.835	0.196	"	"	"	"	"	"	
Naphthalene	4.24	0.196	"	"	"	"	"	"	
Phenanthrene	24.5	0.196	"	"	"	"	"	"	
Pyrene	8.28	0.196	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	74.3 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

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Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

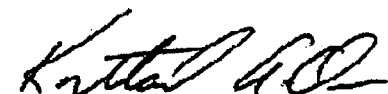
Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
CS-8-1002 (B2J0150-03) Soil Sampled: 10/05/02 10:20 Received: 10/05/02 13:30									
Acenaphthene	22.0	0.500	mg/kg dry	50	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	ND	0.500	"	"	"	"	"	"	
Anthracene	7.78	0.500	"	"	"	"	"	"	
Benzo (a) anthracene	5.14	0.500	"	"	"	"	"	"	
Benzo (a) pyrene	1.79	0.500	"	"	"	"	"	"	
Benzo (b) fluoranthene	3.40	0.0500	"	5	"	"	10/09/02	"	
Benzo (ghi) perylene	0.519	0.500	"	50	"	"	10/09/02	"	
Benzo (k) fluoranthene	1.79	0.500	"	"	"	"	"	"	
Chrysene	5.89	0.500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.500	"	"	"	"	"	"	
Fluoranthene	29.9	0.500	"	"	"	"	"	"	
Fluorene	20.6	0.500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.519	0.500	"	"	"	"	"	"	
Naphthalene	6.32	0.500	"	"	"	"	"	"	
Phenanthrene	59.9	0.500	"	"	"	"	"	"	
Pyrene	23.3	0.500	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	44.1 %	42-141			"	"	"	"	

CS-8-1002 (B2J0150-03RE1) Soil Sampled: 10/05/02 10:20 Received: 10/05/02 13:30

Acenaphthene	45.6	1.00	mg/kg dry	50	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	1.00	"	"	"	"	"	"	
Anthracene	14.5	1.00	"	"	"	"	"	"	
Benzo (a) anthracene	10.6	1.00	"	"	"	"	"	"	
Benzo (a) pyrene	3.30	1.00	"	"	"	"	"	"	
Benzo (b) fluoranthene	4.34	1.00	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.00	"	"	"	"	"	"	
Benzo (k) fluoranthene	3.02	1.00	"	"	"	"	"	"	
Chrysene	11.4	1.00	"	"	"	"	"	"	
Dibenz (a,h) anthracene	2.64	1.00	"	"	"	"	"	"	
Fluoranthene	65.2	1.00	"	"	"	"	"	"	
Fluorene	40.2	1.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.00	"	"	"	"	"	"	
Naphthalene	9.71	1.00	"	"	"	"	"	"	
Phenanthrene	124	1.00	"	"	"	"	"	"	
Pyrene	46.1	1.00	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	64.1 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

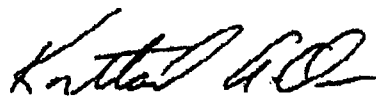
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-9-1002 (B2J0150-04) Soil Sampled: 10/05/02 09:50 Received: 10/05/02 13:30									
Acenaphthene	0.155	0.0100	mg/kg dry	1	2J07032	10/07/02	10/09/02	EPA 8270 Mod	X
Acenaphthylene	0.0199	0.0100	"	"	"	"	"	"	
Anthracene	0.0754	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	0.134	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.312	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.337	0.0100	"	"	"	"	10/09/02	"	
Benzo (ghi) perylene	0.308	0.0100	"	"	"	"	10/09/02	"	
Benzo (k) fluoranthene	0.205	0.0100	"	"	"	"	"	"	
Chrysene	0.309	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0953	0.0100	"	"	"	"	"	"	
Fluoranthene	0.286	0.0100	"	"	"	"	"	"	
Fluorene	0.116	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.218	0.0100	"	"	"	"	"	"	
Naphthalene	0.0440	0.0100	"	"	"	"	"	"	
Phenanthrene	0.350	0.0100	"	"	"	"	"	"	
Pyrene	0.236	0.0100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	36.9 %	42-141			"	"	"	"	

CS-9-1002 (B2J0150-04RE1) Soil Sampled: 10/05/02 09:50 Received: 10/05/02 13:30									
Acenaphthene	0.364	0.0197	mg/kg dry	1	2J10029	10/10/02	10/13/02	EPA 8270 Mod	
Acenaphthylene	0.0331	0.0197	"	"	"	"	"	"	
Anthracene	0.227	0.0197	"	"	"	"	"	"	
Benzo (a) anthracene	0.401	0.0197	"	"	"	"	"	"	
Benzo (a) pyrene	0.686	0.0197	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.761	0.0197	"	"	"	"	"	"	
Benzo (ghi) perylene	0.610	0.0197	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.370	0.0197	"	"	"	"	"	"	
Chrysene	1.02	0.0197	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.223	0.0197	"	"	"	"	"	"	
Fluoranthene	0.814	0.0197	"	"	"	"	"	"	
Fluorene	0.244	0.0197	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.455	0.0197	"	"	"	"	"	"	
Naphthalene	0.0951	0.0197	"	"	"	"	"	"	
Phenanthrene	1.01	0.0197	"	"	"	"	"	"	
Pyrene	0.676	0.0197	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	60.7 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

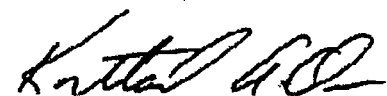
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB-5-1002 (B2J0150-05) Soil Sampled: 10/05/02 09:00 Received: 10/05/02 13:30									
Acenaphthene	1.62	0.0500	mg/kg dry	5	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	0.0532	0.0500	"	"	"	"	"	"	
Anthracene	0.484	0.0500	"	"	"	"	"	"	
Benzo (a) anthracene	0.581	0.0500	"	"	"	"	"	"	
Benzo (a) pyrene	0.944	0.0500	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.797	0.0100	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	0.576	0.0500	"	5	"	"	10/09/02	"	
Benzo (k) fluoranthene	0.619	0.0500	"	"	"	"	"	"	
Chrysene	0.779	0.0500	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.102	0.0500	"	"	"	"	"	"	
Fluoranthene	2.41	0.0500	"	"	"	"	"	"	
Fluorene	1.62	0.0500	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.411	0.0500	"	"	"	"	"	"	
Naphthalene	0.252	0.0500	"	"	"	"	"	"	
Phenanthrene	5.82	0.0500	"	"	"	"	"	"	
Pyrene	2.14	0.0500	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	62.8 %	42-141			"	"	"	"	

CB-5-1002 (B2J0150-05RE1) Soil Sampled: 10/05/02 09:00 Received: 10/05/02 13:30									
Acenaphthene	2.26	0.100	mg/kg dry	5	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.100	"	"	"	"	"	"	
Anthracene	0.697	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	0.803	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	0.736	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.648	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.416	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.668	0.100	"	"	"	"	"	"	
Chrysene	0.784	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.348	0.100	"	"	"	"	"	"	
Fluoranthene	4.76	0.100	"	"	"	"	"	"	
Fluorene	2.15	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.319	0.100	"	"	"	"	"	"	
Naphthalene	0.155	0.100	"	"	"	"	"	"	
Phenanthrene	9.64	0.100	"	"	"	"	"	"	
Pyrene	3.25	0.100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	88.0 %	42-141			"	"	"	"	

North Creek Analytical - Bothell

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Kortland Orr, PM

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CB-6-1002 (B2J0150-06) Soil Sampled: 10/05/02 08:15 Received: 10/05/02 13:30

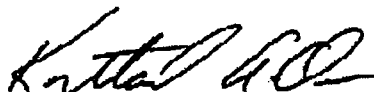
Acenaphthene	0.0133	0.0100	mg/kg dry	1	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	0.0440	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.137	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.164	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.111	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.0799	0.0100	"	"	"	"	"	"	
Chrysene	0.129	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0307	0.0100	"	"	"	"	"	"	
Fluoranthene	0.0297	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.0789	0.0100	"	"	"	"	"	"	
Naphthalene	0.0133	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0307	0.0100	"	"	"	"	"	"	
Pyrene	0.0328	0.0100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	44.5 %	42-141			"	"	"	"	

CB-6-1002 (B2J0150-06RE1) Soil Sampled: 10/05/02 08:15 Received: 10/05/02 13:30

Acenaphthene	0.0259	0.0195	mg/kg dry	1	2J10029	10/10/02	10/13/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0195	"	"	"	"	"	"	
Anthracene	ND	0.0195	"	"	"	"	"	"	
Benzo (a) anthracene	0.0878	0.0195	"	"	"	"	"	"	
Benzo (a) pyrene	0.233	0.0195	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.253	0.0195	"	"	"	"	"	"	
Benzo (ghi) perylene	0.164	0.0195	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.126	0.0195	"	"	"	"	"	"	
Chrysene	0.174	0.0195	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0918	0.0195	"	"	"	"	"	"	
Fluoranthene	0.0878	0.0195	"	"	"	"	"	"	
Fluorene	ND	0.0195	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.124	0.0195	"	"	"	"	"	"	
Naphthalene	ND	0.0195	"	"	"	"	"	"	
Phenanthrene	0.0778	0.0195	"	"	"	"	"	"	
Pyrene	0.0938	0.0195	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	65.7 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

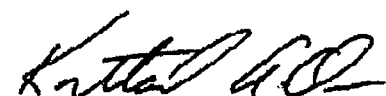
Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit							
CB-7-1002 (B2J0150-07) Soil Sampled: 10/05/02 10:05 Received: 10/05/02 13:30									
Acenaphthene	0.146	0.0204	mg/kg dry	1	2J07032	10/07/02	10/09/02	EPA 8270 Mod	X
Acenaphthylene	ND	0.0204	"	"	"	"	"	"	
Anthracene	ND	0.0204	"	"	"	"	"	"	
Benzo (a) anthracene	0.103	0.0204	"	"	"	"	"	"	
Benzo (a) pyrene	0.310	0.0204	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.313	0.0204	"	"	"	"	"	"	
Benzo (ghi) perylene	0.261	0.0204	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.170	0.0204	"	"	"	"	"	"	
Chrysene	0.277	0.0204	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0830	0.0204	"	"	"	"	"	"	
Fluoranthene	0.0517	0.0204	"	"	"	"	"	"	
Fluorene	0.0245	0.0204	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.188	0.0204	"	"	"	"	"	"	
Naphthalene	0.0694	0.0204	"	"	"	"	"	"	
Phenanthrene	0.0530	0.0204	"	"	"	"	"	"	
Pyrene	0.0598	0.0204	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	28.9 %	42-141			"	"	"	"	

CB-7-1002 (B2J0150-07RE1) Soil Sampled: 10/05/02 10:05 Received: 10/05/02 13:30									
Acenaphthene	0.433	0.0408	mg/kg dry	1	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0408	"	"	"	"	"	"	
Anthracene	0.0408	0.0408	"	"	"	"	"	"	
Benzo (a) anthracene	0.171	0.0408	"	"	"	"	"	"	
Benzo (a) pyrene	0.590	0.0408	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.588	0.0408	"	"	"	"	"	"	
Benzo (ghi) perylene	0.495	0.0408	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.321	0.0408	"	"	"	"	"	"	
Chrysene	0.413	0.0408	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.207	0.0408	"	"	"	"	"	"	
Fluoranthene	0.171	0.0408	"	"	"	"	"	"	
Fluorene	0.0762	0.0408	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.370	0.0408	"	"	"	"	"	"	
Naphthalene	0.136	0.0408	"	"	"	"	"	"	
Phenanthrene	0.212	0.0408	"	"	"	"	"	"	
Pyrene	0.177	0.0408	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	54.1 %	42-141			"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CB-8-1002 (B2J0150-08) Soil Sampled: 10/05/02 09:25 Received: 10/05/02 13:30 X

Acenaphthene	10.8	0.247	mg/kg dry	10	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	ND	0.247	"	"	"	"	"	"	
Anthracene	2.75	0.247	"	"	"	"	"	"	
Benzo (a) anthracene	1.84	0.247	"	"	"	"	"	"	
Benzo (a) pyrene	1.74	0.247	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.51	0.0247	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	1.38	0.247	"	10	"	"	10/09/02	"	
Benzo (k) fluoranthene	1.17	0.247	"	"	"	"	"	"	
Chrysene	3.23	0.247	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.247	"	"	"	"	"	"	
Fluoranthene	8.64	0.247	"	"	"	"	"	"	
Fluorene	8.25	0.247	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	1.02	0.247	"	"	"	"	"	"	
Naphthalene	2.42	0.247	"	"	"	"	"	"	
Phenanthrene	19.9	0.247	"	"	"	"	"	"	
Pyrene	7.28	0.247	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 23.6 % 42-141 " " " "

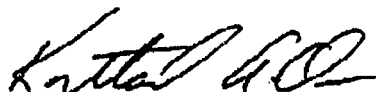
CB-8-1002 (B2J0150-08RE1) Soil Sampled: 10/05/02 09:25 Received: 10/05/02 13:30

Acenaphthene	32.0	0.491	mg/kg dry	10	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.491	"	"	"	"	"	"	
Anthracene	5.76	0.491	"	"	"	"	"	"	
Benzo (a) anthracene	6.77	0.491	"	"	"	"	"	"	
Benzo (a) pyrene	4.32	0.491	"	"	"	"	"	"	
Benzo (b) fluoranthene	3.66	0.491	"	"	"	"	"	"	
Benzo (ghi) perylene	3.04	0.491	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.35	0.491	"	"	"	"	"	"	
Chrysene	9.06	0.491	"	"	"	"	"	"	
Dibenz (a,h) anthracene	1.73	0.491	"	"	"	"	"	"	
Fluoranthene	37.0	0.491	"	"	"	"	"	"	
Fluorene	25.2	0.491	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	2.35	0.491	"	"	"	"	"	"	
Naphthalene	4.32	0.491	"	"	"	"	"	"	
Phenanthrene	68.4	2.45	"	50	"	"	10/14/02	"	
Pyrene	24.2	0.491	"	10	"	"	10/14/02	"	

Surrogate: p-Terphenyl-d14 63.9 % 42-141 " " " "

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
CB-9-1002 (B2J0150-09) Soil Sampled: 10/05/02 11:10 Received: 10/05/02 13:30									X
Acenaphthene	3.06	0.125	mg/kg dry	5	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	ND	0.125	"	"	"	"	"	"	
Anthracene	0.234	0.125	"	"	"	"	"	"	
Benzo (a) anthracene	0.167	0.125	"	"	"	"	"	"	
Benzo (a) pyrene	0.284	0.125	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.294	0.0251	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	0.259	0.125	"	5	"	"	10/09/02	"	
Benzo (k) fluoranthene	0.184	0.125	"	"	"	"	"	"	
Chrysene	0.393	0.125	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.125	"	"	"	"	"	"	
Fluoranthene	0.820	0.125	"	"	"	"	"	"	
Fluorene	1.51	0.125	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.176	0.125	"	"	"	"	"	"	
Naphthalene	6.56	0.125	"	"	"	"	"	"	
Phenanthrene	2.84	0.125	"	"	"	"	"	"	
Pyrene	0.736	0.125	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14

28.5 % 42-141

CB-9-1002 (B2J0150-09RE1) Soil Sampled: 10/05/02 11:10 Received: 10/05/02 13:30

Acenaphthene	5.66	0.246	mg/kg dry	5	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	1.67	0.246	"	"	"	"	"	"	
Anthracene	0.394	0.246	"	"	"	"	"	"	
Benzo (a) anthracene	0.361	0.246	"	"	"	"	"	"	
Benzo (a) pyrene	0.804	0.246	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.902	0.246	"	"	"	"	"	"	
Benzo (ghi) perylene	0.738	0.246	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.426	0.246	"	"	"	"	"	"	
Chrysene	0.754	0.246	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.574	0.246	"	"	"	"	"	"	
Fluoranthene	1.48	0.246	"	"	"	"	"	"	
Fluorene	2.46	0.246	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.525	0.246	"	"	"	"	"	"	
Naphthalene	9.41	0.246	"	"	"	"	"	"	
Phenanthrene	5.17	0.246	"	"	"	"	"	"	
Pyrene	1.02	0.246	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14

67.0 % 42-141

North Creek Analytical - Bothell

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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CB-10-1002 (B2J0150-10) Soil Sampled: 10/05/02 09:35 Received: 10/05/02 13:30 X

Acenaphthene	1.45	0.118	mg/kg dry	5	2J07032	10/07/02	10/09/02	EPA 8270 Mod	
Acenaphthylene	0.141	0.118	"	"	"	"	"	"	
Anthracene	1.12	0.118	"	"	"	"	"	"	
Benzo (a) anthracene	1.56	0.118	"	"	"	"	"	"	
Benzo (a) pyrene	2.11	0.118	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.70	0.0236	"	1	"	"	10/09/02	"	
Benzo (ghi) perylene	1.41	0.118	"	5	"	"	10/09/02	"	
Benzo (k) fluoranthene	1.33	0.118	"	"	"	"	"	"	
Chrysene	3.67	0.118	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.361	0.118	"	"	"	"	"	"	
Fluoranthene	3.89	0.118	"	"	"	"	"	"	
Fluorene	1.55	0.118	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	1.05	0.118	"	"	"	"	"	"	
Naphthalene	ND	0.118	"	"	"	"	"	"	
Phenanthrene	5.83	0.118	"	"	"	"	"	"	
Pyrene	3.25	0.118	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 26.2 % 42-141 " " " "

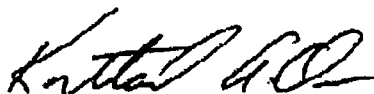
CB-10-1002 (B2J0150-10RE1) Soil Sampled: 10/05/02 09:35 Received: 10/05/02 13:30

Acenaphthene	2.69	0.231	mg/kg dry	5	2J10029	10/10/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.231	"	"	"	"	"	"	
Anthracene	1.74	0.231	"	"	"	"	"	"	
Benzo (a) anthracene	2.46	0.231	"	"	"	"	"	"	
Benzo (a) pyrene	2.23	0.231	"	"	"	"	"	"	
Benzo (b) fluoranthene	2.53	0.231	"	"	"	"	"	"	
Benzo (ghi) perylene	1.66	0.231	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.65	0.231	"	"	"	"	"	"	
Chrysene	4.77	0.231	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.893	0.231	"	"	"	"	"	"	
Fluoranthene	9.12	0.231	"	"	"	"	"	"	
Fluorene	2.66	0.231	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	1.34	0.231	"	"	"	"	"	"	
Naphthalene	ND	0.231	"	"	"	"	"	"	
Phenanthrene	11.2	0.231	"	"	"	"	"	"	
Pyrene	6.54	0.231	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 51.0 % 42-141 " " " "

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson


Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
ST-6-1002 (B2J0150-11) Soil Sampled: 10/05/02 11:30 Received: 10/05/02 13:30									
Acenaphthene	48.1	0.101	mg/kg dry	5	2J07032	10/07/02	10/09/02	EPA 8270 Mod	E
Acenaphthylene	0.842	0.101	"	"	"	"	"	"	
Anthracene	14.7	0.101	"	"	"	"	"	"	E
Benzo (a) anthracene	13.2	0.101	"	"	"	"	"	"	
Benzo (a) pyrene	4.86	0.101	"	"	"	"	"	"	
Benzo (b) fluoranthene	5.08	0.101	"	"	"	"	"	"	
Benzo (ghi) perylene	1.56	0.101	"	"	"	"	"	"	
Benzo (k) fluoranthene	4.39	0.101	"	"	"	"	"	"	
Chrysene	13.2	0.101	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.815	0.101	"	"	"	"	"	"	
Fluoranthene	59.4	0.101	"	"	"	"	"	"	E
Fluorene	48.9	0.101	"	"	"	"	"	"	E
Indeno (1,2,3-cd) pyrene	1.56	0.101	"	"	"	"	"	"	
Naphthalene	53.3	0.101	"	"	"	"	"	"	E
Phenanthrene	76.8	0.101	"	"	"	"	"	"	E
Pyrene	43.5	0.101	"	"	"	"	"	"	E
Surrogate: p-Terphenyl-d14	37.1 %	42-141			"	"	"	"	
HA-1-1002 (B2J0232-01) Soil Sampled: 10/09/02 09:45 Received: 10/09/02 14:05									
Acenaphthene	52.4	1.00	mg/kg dry	100	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	1.58	0.100	"	10	"	"	10/10/02	"	
Anthracene	46.0	1.00	"	100	"	"	10/10/02	"	
Benzo (a) anthracene	24.0	0.100	"	10	"	"	10/10/02	"	
Benzo (a) pyrene	10.5	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	12.2	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	3.22	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	9.53	0.100	"	"	"	"	"	"	
Chrysene	31.7	1.00	"	100	"	"	10/10/02	"	
Dibenz (a,h) anthracene	1.53	0.100	"	10	"	"	10/10/02	"	
Fluoranthene	125	1.00	"	100	"	"	10/10/02	"	
Fluorene	49.4	1.00	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	3.39	0.100	"	10	"	"	10/10/02	"	
Naphthalene	1.96	0.100	"	"	"	"	"	"	
Phenanthrene	159	1.00	"	100	"	"	10/10/02	"	
Pyrene	92.5	1.00	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	110 %	42-141			"	"	10/10/02	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CS-10-1002 (B2J0232-02) Soil Sampled: 10/09/02 10:10 Received: 10/09/02 14:05

Acenaphthene	1.30	0.100	mg/kg dry	10	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	0.135	0.100	"	"	"	"	"	"	
Anthracene	2.17	0.100	"	"	"	"	"	"	
Benzo (a) anthracene	1.60	0.100	"	"	"	"	"	"	
Benzo (a) pyrene	1.28	0.100	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.47	0.100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.638	0.100	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.02	0.100	"	"	"	"	"	"	
Chrysene	2.07	0.100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.203	0.100	"	"	"	"	"	"	
Fluoranthene	6.88	0.100	"	"	"	"	"	"	
Fluorene	1.76	0.100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.561	0.100	"	"	"	"	"	"	
Naphthalene	ND	0.100	"	"	"	"	"	"	
Phenanthrene	8.34	0.100	"	"	"	"	"	"	
Pyrene	5.65	0.100	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14

105 % 42-141

" " " "

CS-12-1002 (B2J0232-03) Soil Sampled: 10/09/02 10:10 Received: 10/09/02 14:05

Acenaphthene	344	23.3	mg/kg dry	1000	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	6.49	0.233	"	10	"	"	10/10/02	"	
Anthracene	207	23.3	"	1000	"	"	10/10/02	"	
Benzo (a) anthracene	136	23.3	"	"	"	"	"	"	
Benzo (a) pyrene	51.0	23.3	"	"	"	"	"	"	
Benzo (b) fluoranthene	75.7	23.3	"	"	"	"	"	"	
Benzo (ghi) perylene	11.0	0.233	"	10	"	"	10/10/02	"	
Benzo (k) fluoranthene	51.0	23.3	"	1000	"	"	10/10/02	"	
Chrysene	156	23.3	"	"	"	"	"	"	
Dibenz (a,h) anthracene	5.70	0.233	"	10	"	"	10/10/02	"	
Fluoranthene	710	23.3	"	1000	"	"	10/10/02	"	
Fluorene	332	23.3	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	12.9	0.233	"	10	"	"	10/10/02	"	
Naphthalene	131	23.3	"	1000	"	"	10/10/02	"	
Phenanthrene	1110	23.3	"	"	"	"	"	"	
Pyrene	568	23.3	"	"	"	"	"	"	

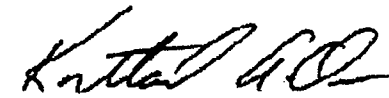
Surrogate: p-Terphenyl-d14

138 % 42-141

" " 10/10/02 "

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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CB-11-1002 (B2J0232-04) Soil Sampled: 10/09/02 11:40 Received: 10/09/02 14:05

Acenaphthene	3.46	0.238	mg/kg dry	10	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	0.287	0.238	"	"	"	"	"	"	
Anthracene	0.845	0.238	"	"	"	"	"	"	
Benzo (a) anthracene	1.83	0.238	"	"	"	"	"	"	
Benzo (a) pyrene	5.47	0.238	"	"	"	"	"	"	
Benzo (b) fluoranthene	6.56	0.238	"	"	"	"	"	"	
Benzo (ghi) perylene	4.45	0.238	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.76	0.238	"	"	"	"	"	"	
Chrysene	4.24	0.238	"	"	"	"	"	"	
Dibenz (a,h) anthracene	1.36	0.238	"	"	"	"	"	"	
Fluoranthene	3.00	0.238	"	"	"	"	"	"	
Fluorene	1.77	0.238	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	3.37	0.238	"	"	"	"	"	"	
Naphthalene	0.271	0.238	"	"	"	"	"	"	
Phenanthrene	2.76	0.238	"	"	"	"	"	"	
Pyrene	2.76	0.238	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 97.5 % 42-141 " " " "

CS-11-1002 (B2J0232-05) Soil Sampled: 10/09/02 13:00 Received: 10/09/02 14:05

Acenaphthene	4.65	0.359	mg/kg dry	10	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	0.678	0.359	"	"	"	"	"	"	
Anthracene	4.43	0.359	"	"	"	"	"	"	
Benzo (a) anthracene	6.66	0.359	"	"	"	"	"	"	
Benzo (a) pyrene	6.01	0.359	"	"	"	"	"	"	
Benzo (b) fluoranthene	8.74	0.359	"	"	"	"	"	"	
Benzo (ghi) perylene	3.25	0.359	"	"	"	"	"	"	
Benzo (k) fluoranthene	4.24	0.359	"	"	"	"	"	"	
Chrysene	11.5	0.359	"	"	"	"	"	"	
Dibenz (a,h) anthracene	1.26	0.359	"	"	"	"	"	"	
Fluoranthene	18.3	0.359	"	"	"	"	"	"	
Fluorene	3.80	0.359	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	2.96	0.359	"	"	"	"	"	"	
Naphthalene	ND	0.359	"	"	"	"	"	"	
Phenanthrene	13.2	0.359	"	"	"	"	"	"	
Pyrene	13.4	0.359	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14 93.1 % 42-141 " " " "

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Seattle WA, 98134

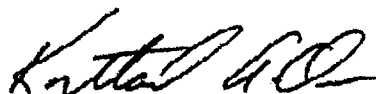
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-13-1002 (B2J0232-06) Soil Sampled: 10/09/02 13:15 Received: 10/09/02 14:05									
Acenaphthene	0.0381	0.0221	mg/kg dry	1	2J09047	10/09/02	10/10/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0221	"	"	"	"	"	"	
Anthracene	0.0704	0.0221	"	"	"	"	"	"	
Benzo (a) anthracene	0.110	0.0221	"	"	"	"	"	"	
Benzo (a) pyrene	0.304	0.0221	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.345	0.0221	"	"	"	"	"	"	
Benzo (ghi) perylene	0.251	0.0221	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.191	0.0221	"	"	"	"	"	"	
Chrysene	0.236	0.0221	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0748	0.0221	"	"	"	"	"	"	
Fluoranthene	0.194	0.0221	"	"	"	"	"	"	
Fluorene	0.0543	0.0221	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.188	0.0221	"	"	"	"	"	"	
Naphthalene	ND	0.0221	"	"	"	"	"	"	
Phenanthrene	0.214	0.0221	"	"	"	"	"	"	
Pyrene	0.194	0.0221	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	98.1 %	42-141			"	"	"	"	

North Creek Analytical - Bothell



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Seattle WA, 98134

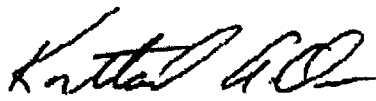
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
ST-1-0902 (B2I0661-03) Soil Sampled: 09/30/02 10:30 Received: 09/30/02 12:45									
Dry Weight	27.2	1.00	%	1	2J01015	10/01/02	10/02/02	BSOPSPL003R07	
ST-2-0902 (B2I0661-04) Soil Sampled: 09/30/02 10:35 Received: 09/30/02 12:45									
Dry Weight	29.0	1.00	%	1	2J01015	10/01/02	10/02/02	BSOPSPL003R07	
ST-3-0902 (B2I0661-05) Soil Sampled: 09/30/02 10:40 Received: 09/30/02 12:45									
Dry Weight	37.2	1.00	%	1	2J01015	10/01/02	10/02/02	BSOPSPL003R07	
CS-1-1002 (B2J0104-01) Soil Sampled: 10/03/02 10:20 Received: 10/03/02 16:30									
Dry Weight	74.3	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CS-2-1002 (B2J0104-02) Soil Sampled: 10/03/02 12:40 Received: 10/03/02 16:30									
Dry Weight	54.7	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CS-3-1002 (B2J0104-03) Soil Sampled: 10/03/02 12:15 Received: 10/03/02 16:30									
Dry Weight	66.7	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CS-4-1002 (B2J0104-04) Soil Sampled: 10/03/02 12:50 Received: 10/03/02 16:30									
Dry Weight	63.0	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CS-5-1002 (B2J0104-05) Soil Sampled: 10/03/02 12:30 Received: 10/03/02 16:30									
Dry Weight	72.4	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CB-1-1002 (B2J0104-06) Soil Sampled: 10/03/02 11:20 Received: 10/03/02 16:30									
Dry Weight	65.8	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	

North Creek Analytical - Bothell



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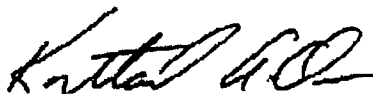
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB-2-1002 (B2J0104-07) Soil Sampled: 10/03/02 12:00 Received: 10/03/02 16:30									
Dry Weight	58.2	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CB-3-1002 (B2J0104-08) Soil Sampled: 10/03/02 11:40 Received: 10/03/02 16:30									
Dry Weight	75.5	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CB-4-1002 (B2J0104-09) Soil Sampled: 10/03/02 11:50 Received: 10/03/02 16:30									
Dry Weight	74.6	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
ST-4-1002 (B2J0104-10) Soil Sampled: 10/03/02 13:30 Received: 10/03/02 16:30									
Dry Weight	42.3	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
ST-5-1002 (B2J0104-11) Soil Sampled: 10/03/02 13:40 Received: 10/03/02 16:30									
Dry Weight	65.3	1.00	%	1	2J04012	10/04/02	10/07/02	BSOPSPL003R07	
CS-6-1002 (B2J0150-01) Soil Sampled: 10/05/02 10:10 Received: 10/05/02 13:30									
Dry Weight	62.5	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CS-7-1002 (B2J0150-02) Soil Sampled: 10/05/02 08:45 Received: 10/05/02 13:30									
Dry Weight	56.4	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CS-8-1002 (B2J0150-03) Soil Sampled: 10/05/02 10:20 Received: 10/05/02 13:30									
Dry Weight	70.7	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CS-9-1002 (B2J0150-04) Soil Sampled: 10/05/02 09:50 Received: 10/05/02 13:30									
Dry Weight	63.7	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	

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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

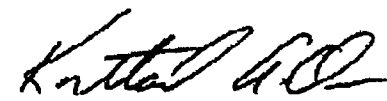
Reported:
10/15/02 19:04

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CB-5-1002 (B2J0150-05) Soil Sampled: 10/05/02 09:00 Received: 10/05/02 13:30									
Dry Weight	68.9	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CB-6-1002 (B2J0150-06) Soil Sampled: 10/05/02 08:15 Received: 10/05/02 13:30									
Dry Weight	65.1	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CB-7-1002 (B2J0150-07) Soil Sampled: 10/05/02 10:05 Received: 10/05/02 13:30									
Dry Weight	49.0	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CB-8-1002 (B2J0150-08) Soil Sampled: 10/05/02 09:25 Received: 10/05/02 13:30									
Dry Weight	40.5	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CB-9-1002 (B2J0150-09) Soil Sampled: 10/05/02 11:10 Received: 10/05/02 13:30									
Dry Weight	39.9	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
CB-10-1002 (B2J0150-10) Soil Sampled: 10/05/02 09:35 Received: 10/05/02 13:30									
Dry Weight	42.4	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
ST-6-1002 (B2J0150-11) Soil Sampled: 10/05/02 11:30 Received: 10/05/02 13:30									
Dry Weight	49.5	1.00	%	1	2J07018	10/07/02	10/08/02	BSOPSPL003R07	
HA-1-1002 (B2J0232-01) Soil Sampled: 10/09/02 09:45 Received: 10/09/02 14:05									
Dry Weight	52.7	1.00	%	1	2J09030	10/09/02	10/10/02	BSOPSPL003R07	
CS-10-1002 (B2J0232-02) Soil Sampled: 10/09/02 10:10 Received: 10/09/02 14:05									
Dry Weight	68.5	1.00	%	1	2J09030	10/09/02	10/10/02	BSOPSPL003R07	

North Creek Analytical - Bothell

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Seattle WA, 98134

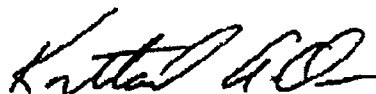
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS-12-1002 (B2J0232-03) Soil Sampled: 10/09/02 10:10 Received: 10/09/02 14:05									
Dry Weight	42.9	1.00	%	1	2J09031	10/09/02	10/10/02	BSOPSPL003R07	
CB-11-1002 (B2J0232-04) Soil Sampled: 10/09/02 11:40 Received: 10/09/02 14:05									
Dry Weight	42.1	1.00	%	1	2J09031	10/09/02	10/10/02	BSOPSPL003R07	
CS-11-1002 (B2J0232-05) Soil Sampled: 10/09/02 13:00 Received: 10/09/02 14:05									
Dry Weight	27.9	1.00	%	1	2J09031	10/09/02	10/10/02	BSOPSPL003R07	
CS-13-1002 (B2J0232-06) Soil Sampled: 10/09/02 13:15 Received: 10/09/02 14:05									
Dry Weight	45.2	1.00	%	1	2J09031	10/09/02	10/10/02	BSOPSPL003R07	

North Creek Analytical - Bothell



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2I25032: Prepared 09/25/02 Using EPA 3020A

Blank (2I25032-BLK1)

Arsenic	ND	0.00100	mg/l							
Copper	ND	0.00100	"							

LCS (2I25032-BS1)

Arsenic	0.0816	0.00100	mg/l	0.0800		102	80-120			
Copper	0.0780	0.00100	"	0.0800		97.5	80-120			

LCS Dup (2I25032-BSD1)

Arsenic	0.0824	0.00100	mg/l	0.0800		103	80-120	0.976	20	
Copper	0.0786	0.00100	"	0.0800		98.2	80-120	0.766	20	

Matrix Spike (2I25032-MS1)

Source: B2I0496-01

Arsenic	0.0868	0.00100	mg/l	0.0800	0.00287	105	75-125			
Copper	0.106	0.00100	"	0.0800	0.0491	71.1	72-125			Q-01

Matrix Spike Dup (2I25032-MSD1)

Source: B2I0496-01

Arsenic	0.0856	0.00100	mg/l	0.0800	0.00287	103	75-125	1.39	20	
Copper	0.122	0.00100	"	0.0800	0.0491	91.1	72-125	14.0	20	

Post Spike (2I25032-PS1)

Source: B2I0496-01

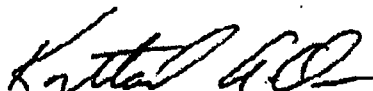
Arsenic	0.196	0.00100	mg/l	0.200	0.00287	96.6	75-125			
Copper	0.247	0.00100	"	0.200	0.0491	99.0	75-125			

Batch 2J01017: Prepared 10/01/02 Using EPA 3020A

Blank (2J01017-BLK1)

Arsenic	ND	0.00100	mg/l							
Copper	ND	0.00100	"							

North Creek Analytical - Bothell



Kortland Orr, PM

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1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

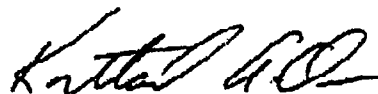
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J01017: Prepared 10/01/02 Using EPA 3020A										
LCS (2J01017-BS1)										
Arsenic	0.0814	0.00100	mg/l	0.0800		102	80-120			
Copper	0.0815	0.00100	"	0.0800		102	80-120			
LCS Dup (2J01017-BSD1)										
Arsenic	0.0810	0.00100	mg/l	0.0800		101	80-120	0.493	20	
Copper	0.0804	0.00100	"	0.0800		100	80-120	1.36	20	
Matrix Spike (2J01017-MS1) Source: B2I0595-02										
Arsenic	0.0805	0.00100	mg/l	0.0800	ND	101	75-125			
Copper	0.0793	0.00100	"	0.0800	ND	99.1	72-125			
Matrix Spike Dup (2J01017-MSD1) Source: B2I0595-02										
Arsenic	0.0825	0.00100	mg/l	0.0800	ND	103	75-125	2.45	20	
Copper	0.0804	0.00100	"	0.0800	ND	100	72-125	1.38	20	
Post Spike (2J01017-PS1) Source: B2I0595-02										
Arsenic	0.0951	0.00100	mg/l	0.100	ND	95.1	75-125			
Copper	0.0996	0.00100	"	0.100	ND	99.6	75-125			
Batch 2J07011: Prepared 10/07/02 Using EPA 3020A										
Blank (2J07011-BLK1)										
Arsenic	ND	0.00100	mg/l							
Copper	ND	0.00100	"							
LCS (2J07011-BS1)										
Arsenic	0.0815	0.00100	mg/l	0.0800		102	80-120			
Copper	0.0788	0.00100	"	0.0800		98.5	80-120			

North Creek Analytical - Bothell



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J07011: Prepared 10/07/02 Using EPA 3020A

LCS Dup (2J07011-BSD1)

Arsenic	0.0803	0.00100	mg/l	0.0800		100	80-120	1.48	20	
Copper	0.0787	0.00100	"	0.0800		98.4	80-120	0.127	20	

Matrix Spike (2J07011-MS1)

Source: B2I0651-01

Arsenic	0.0793	0.00100	mg/l	0.0800	ND	98.9	75-125			
Copper	0.0775	0.00100	"	0.0800	ND	96.9	70-124			

Matrix Spike Dup (2J07011-MSD1)

Source: B2I0651-01

Arsenic	0.0799	0.00100	mg/l	0.0800	ND	99.7	75-125	0.754	20	
Copper	0.0782	0.00100	"	0.0800	ND	97.8	70-124	0.899	20	

Post Spike (2J07011-PS1)

Source: B2I0651-01

Arsenic	0.0949	0.00100	mg/l	0.100	ND	94.7	75-125			
Copper	0.0984	0.00100	"	0.100	ND	98.4	75-125			

Batch 2J08031: Prepared 10/08/02 Using EPA 3020A

Blank (2J08031-BLK1)

Arsenic	ND	0.00100	mg/l							
Copper	ND	0.00100	"							

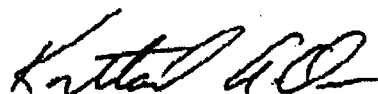
LCS (2J08031-BS1)

Arsenic	0.0787	0.00100	mg/l	0.0800		98.4	80-120			
Copper	0.0747	0.00100	"	0.0800		93.4	80-120			

LCS Dup (2J08031-BSD1)

Arsenic	0.0786	0.00100	mg/l	0.0800		98.2	80-120	0.127	20	
Copper	0.0758	0.00100	"	0.0800		94.8	80-120	1.46	20	

North Creek Analytical - Bothell



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Seattle WA, 98134

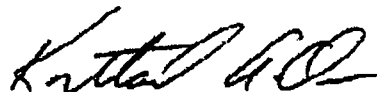
Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J08031: Prepared 10/08/02 Using EPA 3020A										
Matrix Spike (2J08031-MS1)				Source: B2J0086-02						
Arsenic	0.0852	0.00100	mg/l	0.0800	0.00575	99.3	75-125			
Copper	0.0738	0.00100	"	0.0800	ND	91.6	70-124			
Matrix Spike Dup (2J08031-MSD1)				Source: B2J0086-02						
Arsenic	0.0873	0.00100	mg/l	0.0800	0.00575	102	75-125	2.43	20	
Copper	0.0758	0.00100	"	0.0800	ND	94.1	70-124	2.67	20	
Post Spike (2J08031-PS1)				Source: B2J0086-02						
Arsenic	0.103	0.00100	mg/l	0.100	0.00575	97.2	75-125			
Copper	0.0921	0.00100	"	0.100	ND	91.6	75-125			

North Creek Analytical - Bothell



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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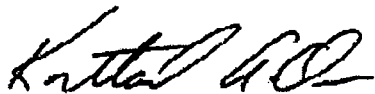
Batch 2124034: Prepared 09/24/02 Using EPA 3510C

Blank (2124034-BLK1)

Acenaphthene	ND	10.0	ug/l
Acenaphthylene	ND	10.0	"
Aniline	ND	10.0	"
Anthracene	ND	10.0	"
Benzoic Acid	ND	20.0	"
Benzo (a) anthracene	ND	10.0	"
Benzo (b) fluoranthene	ND	10.0	"
Benzo (k) fluoranthene	ND	10.0	"
Benzo (ghi) perylene	ND	10.0	"
Benzo (a) pyrene	ND	10.0	"
Benzyl alcohol	ND	10.0	"
Bis(2-chloroethoxy)methane	ND	10.0	"
Bis(2-chloroethyl)ether	ND	10.0	"
Bis(2-chloroisopropyl)ether	ND	10.0	"
Bis(2-ethylhexyl)phthalate	ND	50.0	"
4-Bromophenyl phenyl ether	ND	10.0	"
Butyl benzyl phthalate	ND	10.0	"
Carbazole	ND	10.0	"
4-Chloroaniline	ND	10.0	"
2-Chloronaphthalene	ND	10.0	"
4-Chloro-3-methylphenol	ND	10.0	"
2-Chlorophenol	ND	10.0	"
4-Chlorophenyl phenyl ether	ND	10.0	"
Chrysene	ND	10.0	"
Dibenz (a,h) anthracene	ND	10.0	"
Dibenzofuran	ND	10.0	"
Di-n-butyl phthalate	ND	10.0	"
1,3-Dichlorobenzene	ND	10.0	"
1,4-Dichlorobenzene	ND	10.0	"
1,2-Dichlorobenzene	ND	10.0	"
3,3'-Dichlorobenzidine	ND	10.0	"
2,4-Dichlorophenol	ND	10.0	"
Diethyl phthalate	ND	10.0	"
2,4-Dimethylphenol	ND	10.0	"

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2124034: Prepared 09/24/02 Using EPA 3510C

Blank (2124034-BLK1)

Dimethyl phthalate	ND	10.0	ug/l							
4,6-Dinitro-2-methylphenol	ND	10.0	"							
2,4-Dinitrophenol	ND	20.0	"							
2,4-Dinitrotoluene	ND	10.0	"							
2,6-Dinitrotoluene	ND	10.0	"							
Di-n-octyl phthalate	ND	10.0	"							
Fluoranthene	ND	10.0	"							
Fluorene	ND	10.0	"							
Hexachlorobenzene	ND	10.0	"							
Hexachlorobutadiene	ND	10.0	"							
Hexachlorocyclopentadiene	ND	10.0	"							
Hexachloroethane	ND	10.0	"							
Indeno (1,2,3-cd) pyrene	ND	10.0	"							
Isophorone	ND	10.0	"							
2-Methylnaphthalene	ND	10.0	"							
2-Methylphenol	ND	10.0	"							
3 & 4-Methylphenol	ND	10.0	"							
Naphthalene	ND	10.0	"							
2-Nitroaniline	ND	10.0	"							
3-Nitroaniline	ND	10.0	"							
4-Nitroaniline	ND	10.0	"							
Nitrobenzene	ND	10.0	"							
2-Nitrophenol	ND	10.0	"							
4-Nitrophenol	ND	10.0	"							
N-Nitrosodiphenylamine	ND	10.0	"							
N-Nitrosodi-n-propylamine	ND	10.0	"							
Pentachlorophenol	ND	10.0	"							
Phenanthrene	ND	10.0	"							
Phenol	ND	10.0	"							
Pyrene	ND	10.0	"							
1,2,4-Trichlorobenzene	ND	10.0	"							
2,4,5-Trichlorophenol	ND	10.0	"							
2,4,6-Trichlorophenol	ND	10.0	"							
Surrogate: 2-FP	30.5		"	50.0		61.0	27-124			

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005
Project Manager: Katie Hendrickson

Reported:
10/15/02 19:04

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2I24034: Prepared 09/24/02 Using EPA 3510C

Blank (2I24034-BLK1)

Surrogate: Phenol-d6	19.2		ug/l	50.0		38.4	12-124			
Surrogate: 2,4,6-TBP	33.7		"	50.0		67.4	33-143			
Surrogate: Nitrobenzene-d5	37.0		"	50.0		74.0	35-119			
Surrogate: 2-FBP	39.1		"	50.0		78.2	44-124			
Surrogate: p-Terphenyl-d14	40.9		"	50.0		81.8	10-131			

LCS (2I24034-BS1)

Acenaphthene	85.1	10.0	ug/l	100		85.1	45-130			
4-Chloro-3-methylphenol	84.4	10.0	"	100		84.4	37-120			
2-Chlorophenol	81.3	10.0	"	100		81.3	38-120			
1,4-Dichlorobenzene	69.5	10.0	"	100		69.5	33-120			
2,4-Dinitrotoluene	78.7	10.0	"	100		78.7	52-120			
4-Nitrophenol	38.3	10.0	"	100		38.3	20-135			
N-Nitrosodi-n-propylamine	79.9	10.0	"	100		79.9	40-120			
Pentachlorophenol	81.2	10.0	"	100		81.2	31-133			
Phenol	41.8	10.0	"	100		41.8	20-120			
Pyrene	86.3	10.0	"	100		86.3	38-123			
1,2,4-Trichlorobenzene	70.4	10.0	"	100		70.4	28-120			
Surrogate: 2-FP	29.1		"	50.0		58.2	27-124			
Surrogate: Phenol-d6	20.1		"	50.0		40.2	12-124			
Surrogate: 2,4,6-TBP	41.6		"	50.0		83.2	33-143			
Surrogate: Nitrobenzene-d5	39.5		"	50.0		79.0	35-119			
Surrogate: 2-FBP	40.4		"	50.0		80.8	44-124			
Surrogate: p-Terphenyl-d14	41.8		"	50.0		83.6	10-131			

LCS Dup (2I24034-BSD1)

Acenaphthene	86.7	10.0	ug/l	100		86.7	45-130	1.86	49	
4-Chloro-3-methylphenol	86.0	10.0	"	100		86.0	37-120	1.88	49	
2-Chlorophenol	77.4	10.0	"	100		77.4	38-120	4.91	61	
1,4-Dichlorobenzene	65.0	10.0	"	100		65.0	33-120	6.69	26	
2,4-Dinitrotoluene	81.1	10.0	"	100		81.1	52-120	3.00	29	
4-Nitrophenol	40.8	10.0	"	100		40.8	20-135	6.32	37	
N-Nitrosodi-n-propylamine	78.1	10.0	"	100		78.1	40-120	2.28	36	
Pentachlorophenol	83.3	10.0	"	100		83.3	31-133	2.55	32	
Phenol	41.0	10.0	"	100		41.0	20-120	1.93	53	
Pyrene	88.3	10.0	"	100		88.3	38-123	2.29	50	

North Creek Analytical - Bothell

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Kortland Orr, PM



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

18 October 2002

Katie Hendrickson
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134
RE: Baxter Cove

Enclosed are the results of analyses for samples received by the laboratory on 10/11/02 15:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kortland Orr
PM



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SS-6-1002	B2J0312-01	Water	10/11/02 13:40	10/11/02 15:50
SS-7-1002	B2J0312-02	Water	10/11/02 13:45	10/11/02 15:50
RCS-2-1002	B2J0312-03	Soil	10/11/02 09:30	10/11/02 15:50
RCB-2-1002	B2J0312-04	Soil	10/11/02 09:45	10/11/02 15:50
RCB-3-1002	B2J0312-05	Soil	10/11/02 13:30	10/11/02 15:50
RCB-8-1002	B2J0312-06	Soil	10/11/02 12:20	10/11/02 15:50
RCS-8-1002	B2J0312-07	Soil	10/11/02 14:15	10/11/02 15:50

North Creek Analytical - Bothell

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Kortland Orr, PM

North Creek Analytical, Inc.
Environmental Laboratory Network



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Total Metals by EPA 6000/7000 Series Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6-1002 (B2J0312-01) Water Sampled: 10/11/02 13:40 Received: 10/11/02 15:50									
Arsenic	0.00628	0.00100	mg/l	1	2J14003	10/14/02	10/14/02	EPA 6020	
Copper	0.0464	0.00100	"	"	"	"	"	"	
SS-7-1002 (B2J0312-02) Water Sampled: 10/11/02 13:45 Received: 10/11/02 15:50									
Arsenic	0.00448	0.00100	mg/l	1	2J14003	10/14/02	10/14/02	EPA 6020	
Copper	0.00795	0.00100	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Environmental Laboratory Network



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SS-6-1002 (B2J0312-01) Water Sampled: 10/11/02 13:40 Received: 10/11/02 15:50									
2-Methylphenol	ND	10.0	ug/l	1	2J12004	10/12/02	10/15/02	EPA 8270C	
3 & 4-Methylphenol	33.4	10.0	"	"	"	"	"	"	
Naphthalene	162	20.0	"	2	"	"	10/15/02	"	
Pentachlorophenol	26.9	10.0	"	1	"	"	10/15/02	"	
Surrogate: 2-FP	44.1 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	57.4 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	100 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	103 %	35-119			"	"	"	"	
Surrogate: 2-FBP	92.2 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	35.8 %	10-131			"	"	"	"	
SS-7-1002 (B2J0312-02) Water Sampled: 10/11/02 13:45 Received: 10/11/02 15:50									
2-Methylphenol	ND	10.0	ug/l	1	2J12004	10/12/02	10/15/02	EPA 8270C	
3 & 4-Methylphenol	10.9	10.0	"	"	"	"	"	"	
Naphthalene	ND	10.0	"	"	"	"	"	"	
Pentachlorophenol	ND	10.0	"	"	"	"	"	"	
Surrogate: 2-FP	33.7 %	27-124			"	"	"	"	
Surrogate: Phenol-d6	50.0 %	12-124			"	"	"	"	
Surrogate: 2,4,6-TBP	92.4 %	33-143			"	"	"	"	
Surrogate: Nitrobenzene-d5	97.0 %	35-119			"	"	"	"	
Surrogate: 2-FBP	101 %	44-124			"	"	"	"	
Surrogate: p-Terphenyl-d14	61.4 %	10-131			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RCS-2-1002 (B2J0312-03) Soil Sampled: 10/11/02 09:30 Received: 10/11/02 15:50									
Acenaphthene	15.2	0.200	mg/kg dry	10	2J12008	10/12/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	0.405	0.200	"	"	"	"	"	"	
Anthracene	6.55	0.200	"	"	"	"	"	"	
Benzo (a) anthracene	7.55	0.200	"	"	"	"	"	"	
Benzo (a) pyrene	2.93	0.200	"	"	"	"	"	"	
Benzo (b) fluoranthene	2.93	0.200	"	"	"	"	"	"	
Benzo (ghi) perylene	1.02	0.200	"	"	"	"	"	"	
Benzo (k) fluoranthene	2.60	0.200	"	"	"	"	"	"	
Chrysene	5.84	0.200	"	"	"	"	"	"	
Dibenz (a,h) anthracene	1.00	0.200	"	"	"	"	"	"	
Fluoranthene	36.9	0.200	"	"	"	"	"	"	
Fluorene	15.7	0.200	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.977	0.200	"	"	"	"	"	"	
Naphthalene	1.55	0.200	"	"	"	"	"	"	
Phenanthrene	62.7	1.00	"	50	"	"	10/15/02	"	
Pyrene	25.0	0.200	"	10	"	"	10/14/02	"	
Surrogate: p-Terphenyl-d14	88.8 %	42-141			"	"	"	"	
RCB-2-1002 (B2J0312-04) Soil Sampled: 10/11/02 09:45 Received: 10/11/02 15:50									
Acenaphthene	1.23	0.0100	mg/kg dry	1	2J12008	10/12/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	0.0216	0.0100	"	"	"	"	"	"	
Anthracene	0.646	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	0.466	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.143	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.144	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.0333	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.126	0.0100	"	"	"	"	"	"	
Chrysene	0.399	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.0374	0.0100	"	"	"	"	"	"	
Fluoranthene	2.40	0.0500	"	5	"	"	10/14/02	"	
Fluorene	1.31	0.0100	"	1	"	"	10/14/02	"	
Indeno (1,2,3-cd) pyrene	0.0383	0.0100	"	"	"	"	"	"	
Naphthalene	0.0200	0.0100	"	"	"	"	"	"	
Phenanthrene	4.06	0.0500	"	5	"	"	10/14/02	"	
Pyrene	1.64	0.0100	"	1	"	"	10/14/02	"	
Surrogate: p-Terphenyl-d14	87.0 %	42-141			"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RCB-3-1002 (B2J0312-05) Soil Sampled: 10/11/02 13:30 Received: 10/11/02 15:50									
Acenaphthene	0.0169	0.0100	mg/kg dry	1	2J12008	10/12/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	ND	0.0100	"	"	"	"	"	"	
Anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	0.0153	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0100	"	"	"	"	"	"	
Chrysene	ND	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0100	"	"	"	"	"	"	
Fluoranthene	ND	0.0100	"	"	"	"	"	"	
Fluorene	ND	0.0100	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0100	"	"	"	"	"	"	
Naphthalene	ND	0.0100	"	"	"	"	"	"	
Phenanthrene	0.0102	0.0100	"	"	"	"	"	"	
Pyrene	ND	0.0100	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	87.7 %	42-141			"	"	"	"	

RCB-8-1002 (B2J0312-06) Soil Sampled: 10/11/02 12:20 Received: 10/11/02 15:50									
Acenaphthene	0.907	0.0479	mg/kg dry	1	2J12008	10/12/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	0.278	0.0479	"	"	"	"	"	"	
Anthracene	0.287	0.0479	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.0479	"	"	"	"	"	"	
Benzo (a) pyrene	0.0511	0.0479	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.0479	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.0479	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.0479	"	"	"	"	"	"	
Chrysene	ND	0.0479	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.0479	"	"	"	"	"	"	
Fluoranthene	0.763	0.0479	"	"	"	"	"	"	
Fluorene	1.01	0.0479	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.0479	"	"	"	"	"	"	
Naphthalene	0.265	0.0479	"	"	"	"	"	"	
Phenanthrene	3.06	0.0479	"	"	"	"	"	"	
Pyrene	0.476	0.0479	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	89.5 %	42-141			"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
RCS-8-1002 (B2J0312-07) Soil Sampled: 10/11/02 14:15 Received: 10/11/02 15:50									
Acenaphthene	0.902	0.0100	mg/kg dry	1	2J12008	10/12/02	10/14/02	EPA 8270 Mod	
Acenaphthylene	0.0649	0.0100	"	"	"	"	"	"	
Anthracene	0.453	0.0100	"	"	"	"	"	"	
Benzo (a) anthracene	0.817	0.0100	"	"	"	"	"	"	
Benzo (a) pyrene	1.03	0.0100	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.05	0.0100	"	"	"	"	"	"	
Benzo (ghi) perylene	0.987	0.0100	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.866	0.0100	"	"	"	"	"	"	
Chrysene	1.47	0.0100	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.308	0.0100	"	"	"	"	"	"	
Fluoranthene	2.42	0.0500	"	5	"	"	10/14/02	"	
Fluorene	0.769	0.0100	"	1	"	"	10/14/02	"	
Indeno (1,2,3-cd) pyrene	0.748	0.0100	"	"	"	"	"	"	
Naphthalene	0.178	0.0100	"	"	"	"	"	"	
Phenanthrene	2.41	0.0500	"	5	"	"	10/14/02	"	
Pyrene	1.77	0.0100	"	1	"	"	10/14/02	"	
Surrogate: p-Terphenyl-d14	92.2 %	42-141			"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
	Result	Limit							
RCS-2-1002 (B2J0312-03) Soil Sampled: 10/11/02 09:30 Received: 10/11/02 15:50									
Dry Weight	56.0	1.00	%	1	2J13003	10/13/02	10/14/02	BSOPSPL003R07	
RCB-2-1002 (B2J0312-04) Soil Sampled: 10/11/02 09:45 Received: 10/11/02 15:50									
Dry Weight	80.1	1.00	%	1	2J13003	10/13/02	10/14/02	BSOPSPL003R07	
RCB-3-1002 (B2J0312-05) Soil Sampled: 10/11/02 13:30 Received: 10/11/02 15:50									
Dry Weight	78.7	1.00	%	1	2J13003	10/13/02	10/14/02	BSOPSPL003R07	
RCB-8-1002 (B2J0312-06) Soil Sampled: 10/11/02 12:20 Received: 10/11/02 15:50									
Dry Weight	41.7	1.00	%	1	2J13003	10/13/02	10/14/02	BSOPSPL003R07	
RCS-8-1002 (B2J0312-07) Soil Sampled: 10/11/02 14:15 Received: 10/11/02 15:50									
Dry Weight	71.9	1.00	%	1	2J13003	10/13/02	10/14/02	BSOPSPL003R07	

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Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Total Metals by EPA 6000/7000 Series Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2J14003: Prepared 10/14/02 Using EPA 3020A										
Blank (2J14003-BLK1)										
Arsenic	ND	0.00100	mg/l							
Copper	ND	0.00100	"							
LCS (2J14003-BS1)										
Arsenic	0.0810	0.00100	mg/l	0.0800		101	80-120			
Copper	0.0791	0.00100	"	0.0800		98.9	80-120			
LCS Dup (2J14003-BSD1)										
Arsenic	0.0812	0.00100	mg/l	0.0800		102	80-120	0.247	20	
Copper	0.0791	0.00100	"	0.0800		98.9	80-120	0.00	20	
Matrix Spike (2J14003-MS1) Source: B2J0223-01										
Arsenic	0.0874	0.00100	mg/l	0.0800	0.00656	101	75-125			
Copper	0.0775	0.00100	"	0.0800	ND	96.4	70-124			
Matrix Spike Dup (2J14003-MSD1) Source: B2J0223-01										
Arsenic	0.0891	0.00100	mg/l	0.0800	0.00656	103	75-125	1.93	20	
Copper	0.0799	0.00100	"	0.0800	ND	99.4	70-124	3.05	20	
Post Spike (2J14003-PS1) Source: B2J0223-01										
Arsenic	0.209	0.00100	mg/l	0.200	0.00656	101	75-125			
Copper	0.196	0.00100	"	0.200	ND	97.8	75-125			

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Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J12004: Prepared 10/12/02 Using EPA 3520C

Blank (2J12004-BLK1)

2-Methylphenol	ND	10.0	ug/l
3 & 4-Methylphenol	ND	10.0	"
Naphthalene	ND	10.0	"
Pentachlorophenol	ND	10.0	"

Surrogate: 2-FP	32.6		"	50.0	65.2	27-124
Surrogate: Phenol-d6	33.9		"	50.0	67.8	12-124
Surrogate: 2,4,6-TBP	47.2		"	50.0	94.4	33-143
Surrogate: Nitrobenzene-d5	51.9		"	50.0	104	35-119
Surrogate: 2-FBP	49.7		"	50.0	99.4	44-124
Surrogate: p-Terphenyl-d14	42.1		"	50.0	84.2	10-131

LCS (2J12004-BS1)

Pentachlorophenol	88.2	10.0	ug/l	100	88.2	31-133
Surrogate: 2-FP	16.6		"	50.0	33.2	27-124
Surrogate: Phenol-d6	26.9		"	50.0	53.8	12-124
Surrogate: 2,4,6-TBP	44.0		"	50.0	88.0	33-143
Surrogate: Nitrobenzene-d5	44.8		"	50.0	89.6	35-119
Surrogate: 2-FBP	44.5		"	50.0	89.0	44-124
Surrogate: p-Terphenyl-d14	41.0		"	50.0	82.0	10-131

LCS Dup (2J12004-BSD1)

Pentachlorophenol	87.7	10.0	ug/l	100	87.7	31-133	0.569	32
Surrogate: 2-FP	19.6		"	50.0	39.2	27-124		
Surrogate: Phenol-d6	29.4		"	50.0	58.8	12-124		
Surrogate: 2,4,6-TBP	43.6		"	50.0	87.2	33-143		
Surrogate: Nitrobenzene-d5	45.4		"	50.0	90.8	35-119		
Surrogate: 2-FBP	47.9		"	50.0	95.8	44-124		
Surrogate: p-Terphenyl-d14	42.3		"	50.0	84.6	10-131		

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2J12008: Prepared 10/12/02 Using EPA 3545

Blank (2J12008-BLK1)

Acenaphthene	ND	0.0100	mg/kg							
Acenaphthylene	ND	0.0100	"							
Anthracene	ND	0.0100	"							
Benzo (a) anthracene	ND	0.0100	"							
Benzo (a) pyrene	ND	0.0100	"							
Benzo (b) fluoranthene	ND	0.0100	"							
Benzo (ghi) perylene	ND	0.0100	"							
Benzo (k) fluoranthene	ND	0.0100	"							
Chrysene	ND	0.0100	"							
Dibenz (a,h) anthracene	ND	0.0100	"							
Fluoranthene	ND	0.0100	"							
Fluorene	ND	0.0100	"							
Indeno (1,2,3-cd) pyrene	ND	0.0100	"							
Naphthalene	ND	0.0100	"							
Phenanthrene	ND	0.0100	"							
Pyrene	ND	0.0100	"							
Surrogate: p-Terphenyl-d14	1.64		"	1.67		98.2	42-141			

LCS (2J12008-BS1)

Chrysene	0.302	0.0100	mg/kg	0.333		90.7	54-112			
Fluorene	0.311	0.0100	"	0.333		93.4	51-107			
Indeno (1,2,3-cd) pyrene	0.331	0.0100	"	0.333		99.4	46-103			
Surrogate: p-Terphenyl-d14	1.55		"	1.67		92.8	42-141			

LCS Dup (2J12008-BS1)

Chrysene	0.307	0.0100	mg/kg	0.333		92.2	54-112	1.64	37	
Fluorene	0.322	0.0100	"	0.333		96.7	51-107	3.48	43	
Indeno (1,2,3-cd) pyrene	0.325	0.0100	"	0.333		97.6	46-103	1.83	39	
Surrogate: p-Terphenyl-d14	1.63		"	1.67		97.6	42-141			

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Kortland Orr, PM

North Creek Analytical, Inc.
Environmental Laboratory Network



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle WA, 98134

Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Polynuclear Aromatic Compounds by GC/MS with Selected Ion Monitoring - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 2J12008: Prepared 10/12/02 Using EPA 3545

Matrix Spike (2J12008-MS1)

Source: B2J0312-03

Chrysene	2.36	0.200	mg/kg dry	1.19	5.84	-292	29-143			Q-02
Fluorene	5.58	0.200	"	1.19	15.7	-850	36-134			Q-02
Indeno (1,2,3-cd) pyrene	1.14	0.200	"	1.19	0.977	13.7	19-138			Q-02
Surrogate: p-Terphenyl-d14	5.08		"	5.96		85.2	42-141			

Matrix Spike Dup (2J12008-MSD1)

Source: B2J0312-03

Chrysene	1.86	0.200	mg/kg dry	1.19	5.84	-334	29-143	23.7	44	Q-02
Fluorene	3.69	0.200	"	1.19	15.7	-1010	36-134	40.8	52	Q-02
Indeno (1,2,3-cd) pyrene	1.07	0.200	"	1.19	0.977	7.82	19-138	6.33	43	Q-02
Surrogate: p-Terphenyl-d14	5.17		"	5.96		86.7	42-141			

North Creek Analytical - Bothell

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Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 2J13003: Prepared 10/13/02 Using Dry Weight

Blank (2J13003-BLK1)

Dry Weight	100	1.00	%							
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North Creek Analytical - Bothell

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Project: Baxter Cove
Project Number: JAGCO-16005-400
Project Manager: Katie Hendrickson

Reported:
10/18/02 21:07

Notes and Definitions

Q-02 The spike recovery for this QC sample is outside of NCA established control limits due to sample matrix interference.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

North Creek Analytical - Bothell

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Kortland Orr, PM

North Creek Analytical, Inc.
Environmental Laboratory Network

Nº 100190

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Yellow: PM Copy

Pink: Field Copy

Gold: PM/QA/QC Copy

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Appendix B

Laboratory Analytical Results – Upland Excavation Confirmation Samples

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST

Project Name: J. H. Baxter S. Property	Laboratory: North Creek Analytical, Inc., Bothell, WA
Project Reference: J. H. Baxter S. Property	Sample Matrix: Soil
RETEC Project No.: VULAN-16672-700	Sample Start Date: 08/20/2004
Verified By/Date Verified: Sue Milcan 01/17/2005 (completed)	Sample End Date: 09/14/2004

Samples Analyzed:

Matrix	Sample ID	Sample Date	Sample Time	Lab SDG	Lab ID
Soil	DS1082004-5'	8/20/2004	14:00	B4H0566	B4H0566-01
Soil	DS2082004-5'	8/20/2004	14:05	B4H0566	B4H0566-02
Soil	DS3082004-4'	8/20/2004	14:10	B4H0566	B4H0566-03
Soil	DS4082004-4.5'	8/20/2004	14:15	B4H0566	B4H0566-04
Soil	DS5082004-3.5'	8/20/2004	14:20	B4H0566	B4H0566-05
Soil	DS6082004-4'	8/20/2004	14:25	B4H0566	B4H0566-06
Soil	DS7082004-4'	8/20/2004	14:30	B4H0566	B4H0566-07
Soil	DS8082004-3'	8/20/2004	14:35	B4H0566	B4H0566-08
Soil	DS9082004-3'	8/20/2004	14:40	B4H0566	B4H0566-09
Soil	DS10082004-4'	8/20/2004	14:45	B4H0566	B4H0566-10
Soil	DF1082004 GW	8/20/2004	14:50	B4H0566	B4H0566-11
Soil	DF2082004 GW	8/20/2004	14:55	B4H0566	B4H0566-12
Soil	DF3082004 GW	8/20/2004	15:00	B4H0566	B4H0566-13
Soil	DF4082004 GW	8/20/2004	15:05	B4H0566	B4H0566-14
Soil	CS1091404-5'	9/14/2004	08:55	B4I0323	B4I0323-01
Soil	CS2091404-4.5'	9/14/2004	09:00	B4I0323	B4I0323-02
Soil	CS3091404-5'	9/14/2004	09:03	B4I0323	B4I0323-03
Soil	CS4091404-5'	9/14/2004	09:09	B4I0323	B4I0323-04
Soil	CS5091404-5'	9/14/2004	09:11	B4I0323	B4I0323-05
Soil	CS6091404-5'	9/14/2004	09:16	B4I0323	B4I0323-06
Soil	CS7091404-4.5'	9/14/2004	09:25	B4I0323	B4I0323-07
Soil	CS8091404-4.5'	9/14/2004	09:30	B4I0323	B4I0323-08
Soil	CS9091404-4.5'	9/14/2004	09:34	B4I0323	B4I0323-09
Soil	CS10091404-4.5'	9/14/2004	09:36	B4I0323	B4I0323-10
Soil	CS11091404-4.5'	9/14/2004	13:52	B4I0323	B4I0323-11
Soil	CS12091404-5'	9/14/2004	13:56	B4I0323	B4I0323-12
Soil	CS1309140-4.5'	9/14/2004	14:00	B4I0323	B4I0323-13
Soil	CF109140-GW	9/14/2004	09:12	B4I0323	B4I0323-14
Soil	CF209140-GW	9/14/2004	09:30	B4I0323	B4I0323-15
Soil	CF309140-GW	9/14/2004	09:45	B4I0323	B4I0323-16
Soil	CF409140-GW	9/14/2004	09:55	B4I0323	B4I0323-17

Parameters Verified: Polynuclear Aromatic Hydrocarbons (PAHs) by GC/MS method 8270C.

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

Laboratory Project IDs: B4H0566, B4I0323					
PRECISION, ACCURACY, METHOD COMPLIANCE, AND COMPLETENESS ASSESSMENT					
Precision:	X	Acceptable		Unacceptable	SM Initials
<p>Comments: Precision is the measure of variability of individual sample measurements. Field precision was not determined for this sampling round since field duplicate samples were not submitted for analysis. Laboratory precision was determined by examination of laboratory duplicate results. Evaluation of laboratory duplicates for precision was done using the Relative Percent Difference (RPD). The RPD is defined as the difference between two duplicate samples divided by the mean and expressed as a percent. RPD limits referenced EPA published QC limits. No data require qualification based on this measurement, and overall field and laboratory precision is acceptable. Precision measurements are reviewed in items 17 and 21.</p>					
Accuracy:	X	Acceptable		Unacceptable	SM Initials
<p>Comments: Field accuracy, a measure of the sampling bias, was not determined for this sampling round since field, equipment rinse, and/or trip blank samples were not submitted for analysis or else were not required. Laboratory accuracy, a measure of the system bias, was measured by evaluating laboratory control sample and laboratory control sample duplicate (LCS, LCSD), matrix spike and matrix spike duplicate (MS, MSD), and organic system monitoring compounds (surrogate) percent recoveries (%Rs). LCS and LCSD %Rs demonstrated overall analytical performance. MS and MSD %Rs provided information on sample matrix interferences. System monitoring compound or surrogate recoveries measured system performance and efficiency during organic analysis. These %Rs were compared to EPA published and/or laboratory control charted QC limits. No data require qualification based on these measurements, and overall laboratory accuracy is acceptable. Accuracy measurements are reviewed in items 12, 14, 15, 16, and 20.</p>					
Method Compliance:	X	Acceptable		Unacceptable	SM Initials
<p>Comments: For this data set, method compliance was determined by evaluating sample integrity, reporting limits, holding time, and laboratory blanks against method specified requirements. Laboratory flags indicating low internal standard areas were also considered, even though supporting documentation to fully evaluate the impact of the laboratory comments was not provided in this level of data package submittal. Although some data require qualification based on low internal standard area (see item 19), overall method compliance is acceptable, based on the data submitted, since a majority of the data is unqualified and no data are rejected. Method compliance measurements are reviewed in items 4, 6, 8, 11, 13, 18, 19, 20, and 22.</p>					
Completeness:	X	Acceptable		Unacceptable	SM Initials
<p>Comments: Completeness is the overall ratio of the number of samples planned versus the number of samples with valid analyses. Completeness goals are set at 90-100%. Determination of completeness included a review of chain of custody records, laboratory analytical methods, and detection limits. Completeness also included 100% review of the laboratory sample data results and QC summary reports. All of the submitted data were useable, some with qualification. Since no data were rejected or missing, completeness of the data set is calculated to be 100% and is acceptable.</p>					
VERIFICATION CRITERIA CHECK					
<p>Data verification qualifiers used in this review:</p> <p>UJ – undetected, reporting limit is estimated</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>					

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

1. Did the laboratory identify any non-conformances related to the analytical results?	X	Yes		No	SM	Initials
<p>Explanation by laboratory: Laboratory case narratives were not submitted with the data reports. However, any assigned laboratory flags were evaluated during the data review process.</p> <p>Data qualification, if any, related to the assigned laboratory flags are discussed in the following sections.</p>						
2. Were sample Chain-of-Custody forms complete?	X	Yes		No	SM	Initials
<p>Comments: Samples were delivered directly from the field to the laboratory. COC records from field to laboratory were complete, and custody was maintained as evidenced by field and laboratory personnel signatures, dates, and times of receipt.</p>						
3. Were all the analyses requested for the samples on the COCs completed by the laboratory?	X	Yes		No	SM	Initials
<p>Comments: All requested analyses as documented on the original COCs were completed by the laboratory.</p>						
4. Were samples received in good condition and at the appropriate temperature?	X	Yes		No	SM	Initials
<p>Comments: Samples were received intact and in good condition. Samples were delivered directly from the field to the laboratory at the close of the sampling event each day. Therefore, although cooler receipt temperatures were elevated (close to room temperature at 20.4°C to 22.5°C), no action is required since no opportunity existed for compromised condition due to sample shipping. No action is required for this level of review other than to note this observation.</p>						
5. Were the requested analytical methods in compliance with WP/QAPP, permit, or COC?	X	Yes		No	SM	Initials
<p>Comments: Reported methods were in compliance with COC records or are applicable for the requested analytes.</p>						
6. Were detection limits in accordance with WP/QAPP, permit, or method?	X	Yes		No	SM	Initials
<p>Comments: Reporting limits (RLs) are achievable by the quoted methods. Some samples required analysis at diluted levels due to high target analyte concentration or matrix interference. The RLs for diluted results were raised appropriately. Additionally, the RLs for soil results reported on a dry weight were raised accordingly to accommodate the percent moisture content.</p>						
7. Do the laboratory reports include only those constituents requested to be reported for a specific analytical method?	X	Yes		No	SM	Initials
<p>Comments: Only the requested target analytes were reported.</p>						
8. Were sample holding times met?	X	Yes		No	SM	Initials
<p>Comments: Extraction and analytical holding times were met for all samples.</p>						
9. Were correct concentration units reported?	X	Yes		No	SM	Initials
<p>Comments: Correct concentration units were reported. Soil PAH results are reported as mg/kg dry weight (ppm).</p>						
10. Were the reporting requirements for flagged data met?	X	Yes		No	SM	Initials
<p>Comments: Data validation qualifiers override any assigned laboratory data flags.</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

11. Were laboratory blank samples free of target analyte contamination?	X	Yes		No	SM	Initials
Comments: The reported laboratory blanks were free of target analyte contamination.						
12. Were trip blank, field blank, and/or equipment rinse blank samples free of target analyte contamination?		Yes		No	SM	Initials
Comments: Not applicable - Field blank and equipment rinse blank samples were not submitted for analysis. Trip blank samples are not applicable to the method. Field accuracy was not evaluated.						
13. Were instrument calibrations within method or data validation control limits?		Yes		No	SM	Initials
Comments: Not applicable for this level of data verification – Instrument calibration data were not supplied in analytical laboratory reports and were therefore not included in this data review.						
14. Were surrogate recoveries within control limits?	X	Yes		No	SM	Initials
Comments: Surrogate %Rs were within the stated laboratory control-chart QC limits for all project samples and associated QC samples.						
15. Were laboratory control sample recoveries within control limits?	X	Yes		No	SM	Initials
Comments: Supplied LCS and LCSD %Rs were within organic data validation QC limits of 70-130% for all reported target analytes, and were also within laboratory control charted QC limits as allowed for SW-846 organic methods.						
16. Were matrix spike recoveries within control limits?	X	Yes		No	SM	Initials
Comments: Reported MS and MSD %Rs for target analytes were within data validation and laboratory control-chart QC limits for the reported target analytes.						
17. Were duplicate RPDs and/or serial dilution %Ds within control limits?	X	Yes		No	SM	Initials
Comments: Laboratory RPDs for target analytes in LCS/LCSD and MS/MSD samples were within both data validation and laboratory control charted QC limits for the reported target analytes.						
18. Were organic system performance criteria met?		Yes		No	SM	Initials
Comments: Not applicable for this level of data verification – Organic system performance data was not supplied in analytical laboratory reports and was therefore not included in this data review.						
19. Were internal standards within method criteria for GC/MS sample analyses?		Yes		No	SM	Initials
<p>Comments: Not applicable for this level of data verification – GC/MS Internal standard data was not supplied in analytical laboratory reports and was therefore not included in this data review, unless specifically commented on by the laboratory as noted below.</p> <p>Laboratory SDG B4H0566: Assigned laboratory flags identified target analytes associated with low internal standard area in sample DF3082004 GW. Matrix interference affecting the internal standard recovery was confirmed in reanalysis. The degree of noncompliance was not provided in the laboratory report. Associated target analytes in sample DF3082004 GW require UJ qualifiers to indicate undetected results at estimated reporting limits due to confirmed matrix interference.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

20. Were inorganic system performance criteria met?		Yes		No	SM	Initials
<i>Comments: Not applicable for the reported method or for this level of data verification.</i>						
21. Were blind field duplicates collected? If so, discuss the precision (RPD) of the results.	X	Yes		No	SM	Initials
Duplicate Sample No.		Primary Sample No.				
<i>Comments: Not applicable - Field duplicate samples were not submitted for analysis with this data set. Field precision was not evaluated.</i>						
22. Were qualitative/quantitative criteria for organic target analyte identification met?		Yes		No	SM	Initials
<i>Comments: Not applicable for this level of data verification - GC/MS quantitation reports and chromatograms were not supplied in analytical laboratory reports and were therefore not included in this data review.</i>						
23. Were 100% of the EDD concentrations and reporting limits compared to the hardcopy data reports?		Yes		No	SM	Initials
<i>Comments: Not applicable - EDDs were not submitted for this data set.</i>						
<p>24. General Comments:</p> <p>Data were evaluated based on validation criteria set forth in the USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, document number EPA540/R-99/008 of October 1999 as they applied to the reported methodology.</p> <p>Refer to the Table of Qualified Analytical Results for a listing of the samples, analytes, and concentrations qualified (attached at the end of this Checklist).</p>						

RETEC ANALYTICAL DATA VERIFICATION CHECKLIST (Continued)

Table of Qualified Analytical Results

J. H. Baxter S. Property

Soil Samples

North Creek Analytical, Inc. Reports B4H0566 and B4I0323

August – September 2004

Sample ID	Matrix	Lab SDG	Method	Analyte	Concentration	Qualifier	Reason Code
DF3082004 GW	Soil	B4H0566	8270C	Benzo(a)pyrene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(b)fluoranthene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(k)fluoranthene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Benzo(ghi)perylene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Dibenz(a,h)anthracene	< 0.330 mg/kg	UJ	Low IS
DF3082004 GW	Soil	B4H0566	8270C	Indeno(123-cd)pyrene	< 0.330 mg/kg	UJ	Low IS

Qualifier definitions:

UJ – undetected, reporting limit is estimated

Reason Codes:

Low IS – Internal standard area is low due to confirmed matrix interference



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19 September 2004

Mike Byers
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134
RE: J.H. Baxter S. Property

Enclosed are the results of analyses for samples received by the laboratory on 09/14/04 15:55. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amar Gill
Project Manager

Chain of Custody Record

Nº 107815

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(206) 624-8349 Phone • (206) 624-2839 Fax
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B4I0323



Project Name: <u>J.H. Baxter</u>		Project Number:		<div style="position: relative;"> <div style="position: absolute; top: 0; left: 0; transform: rotate(-90deg); transform-origin: left top; white-space: nowrap;"> Analysis Requested Total PAHs by 8/22/04 </div> </div>										Page <u>1</u> of <u>2</u>			
Send Report To: <u>Mike Byers</u>		Sampler (Print Name): <u>Tom Beers</u>												Purchase Order #:			
Address: <u>1011 SW Klickitat Way, Ste 207, Seattle WA, 98134</u>		Sampler (Print Name):															
Phone: <u>206-624-9349</u>		Shipment Method: <u>Courier</u>															
Fax:		Airbill Number:															
Laboratory Receiving:																	
Field Sample ID	Sample Date	Sample Time	Sample Matrix	Number of Containers											Comments, Special Instructions, etc.	Lab Sample ID (to be completed by lab)	
CS1091404-5	09/14/04	0855	Soil	1	X												-01
CS2091404-4.5	09/14/04	0900	Soil	1	X												-02
CS3091404-5	09/14/04	0903	Soil	1	X												-03
CS4091404-5	09/14/04	0909	Soil	1	X												-04
CS5091404-5	09/14/04	0911	Soil	1	X												-05
CS6091404-5	09/14/04	0916	Soil	1	X												-06
CS7091404-4.5	09/14/04	0925	Soil	1	X												-07
CS8091404-4.5	09/14/04	0930	Soil	1	X												-08
CS9091404-4.5	09/14/04	0934	Soil	1	X												-09
CS10091404-4.5	09/14/04	0936	Soil	1	X												-10
CS11091404-5	09/14/04	1352	Soil	1	X												-11
CS12091404-5	09/14/04	1356	Soil	1	X												-12
CS13091404-4.5	09/14/04	1400	Soil	1	X												-13
CF1091404 - GLW	09/14/04	0912	Soil	1	X												-14
CF2091404 - GLW	09/14/04	0930	Soil	1	X												-15
CF3091404 - GLW	09/14/04	0945	Soil	1	X												-16
CF4091404 - GLW	09/14/04	0853	Soil	1	X												-17
Relinquished by: (Signature) <u>Tom Beers</u>		Received by: (Signature) <u>Dranny Torts</u>		Date: <u>9/14/04</u>	Time: <u>1440</u>	Sample Custodian Remarks (Completed By Laboratory):										Sample Receipt	
Relinquished by: (Signature)		Received by: (Signature)		Date: <u>9/14/04</u>	Time: <u>1555</u>	QA/QC Level Level I <input type="checkbox"/> Routine <input type="checkbox"/> Level II <input type="checkbox"/> 24 Hour <input type="checkbox"/> Level III <input type="checkbox"/> 1 Week <input checked="" type="checkbox"/> Other <input type="checkbox"/>										Total # Containers Received? <u>1</u> COC Seals Present? <u>✓</u> COC Seals Intact? <u>✓</u> Received Containers Intact? <u>✓</u> Temperature? <u>20.4</u>	
Relinquished by: (Signature)		Received by: (Signature)		Date:	Time:	Samples were not @ 2-8C upon receipt											

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

Nº 109814

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White: Lab Copy

Yellow: PM Copy

Pink: Field Copy

Gold: PM/QA/QC Copy



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS1091404-5	B4I0323-01	Soil	09/14/04 08:55	09/14/04 15:55
CS2091404-4.5	B4I0323-02	Soil	09/14/04 09:00	09/14/04 15:55
CS3091404-5	B4I0323-03	Soil	09/14/04 09:03	09/14/04 15:55
CS4091404-5	B4I0323-04	Soil	09/14/04 09:09	09/14/04 15:55
CS5091404-5	B4I0323-05	Soil	09/14/04 09:11	09/14/04 15:55
CS6091404-5	B4I0323-06	Soil	09/14/04 09:16	09/14/04 15:55
CS7091404-4.5	B4I0323-07	Soil	09/14/04 09:25	09/14/04 15:55
CS8091404-4.5	B4I0323-08	Soil	09/14/04 09:30	09/14/04 15:55
CS9091404-4.5	B4I0323-09	Soil	09/14/04 09:34	09/14/04 15:55
CS10091404-4.5	B4I0323-10	Soil	09/14/04 09:36	09/14/04 15:55
CS11091404-4.5	B4I0323-11	Soil	09/14/04 13:52	09/14/04 15:55
CS12091404-5	B4I0323-12	Soil	09/14/04 13:56	09/14/04 15:55
CS1309140-4.5	B4I0323-13	Soil	09/14/04 14:00	09/14/04 15:55
CF109140-GW	B4I0323-14	Soil	09/14/04 09:12	09/14/04 15:55
CF209140-GW	B4I0323-15	Soil	09/14/04 09:30	09/14/04 15:55
CF309140-GW	B4I0323-16	Soil	09/14/04 09:45	09/14/04 15:55
CF409140-GW	B4I0323-17	Soil	09/14/04 09:55	09/14/04 15:55

North Creek Analytical - Bothell

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The RETEC Group, Inc.
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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS1091404-5 (B4I0323-01) Soil Sampled: 09/14/04 08:55 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	88.8 %	44-144			"	"	"	"	

CS2091404-4.5 (B4I0323-02) Soil Sampled: 09/14/04 09:00 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS2091404-4.5 (B4I0323-02) Soil Sampled: 09/14/04 09:00 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	87.5 %	44-144			"	"	"	"	
CS3091404-5 (B4I0323-03) Soil Sampled: 09/14/04 09:03 Received: 09/14/04 15:55									
Acenaphthene	0.384	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	0.583	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	1.70	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	2.06	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	1.58	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	1.53	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	1.74	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	2.04	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	0.715	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	3.81	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	1.44	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	2.31	0.330	"	"	"	"	"	"	
Pyrene	3.80	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	89.9 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS4091404-5 (B4I0323-04) Soil Sampled: 09/14/04 09:09 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14

84.9 % 44-144

CS5091404-5 (B4I0323-05) Soil Sampled: 09/14/04 09:11 Received: 09/14/04 15:55

Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS5091404-5 (B4I0323-05) Soil Sampled: 09/14/04 09:11 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	88.5 %	44-144			"	"	"	"	
CS6091404-5 (B4I0323-06) Soil Sampled: 09/14/04 09:16 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	77.8 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS7091404-4.5 (B410323-07) Soil Sampled: 09/14/04 09:25 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/16/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	78.7 %	44-144			"	"	"	"	

CS8091404-4.5 (B410323-08) Soil Sampled: 09/14/04 09:30 Received: 09/14/04 15:55

Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS8091404-4.5 (B4I0323-08) Soil Sampled: 09/14/04 09:30 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	77.4 %	44-144			"	"	"	"	
CS9091404-4.5 (B4I0323-09) Soil Sampled: 09/14/04 09:34 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	90.9 %	44-144			"	"	"	"	

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS10091404-4.5 (B410323-10) Soil Sampled: 09/14/04 09:36 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	

Surrogate: p-Terphenyl-d14

87.4 % 44-144

CS11091404-4.5 (B410323-11) Soil Sampled: 09/14/04 13:52 Received: 09/14/04 15:55

Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

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The RETEC Group, Inc.
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Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS11091404-4.5 (B4I0323-11) Soil Sampled: 09/14/04 13:52 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	87.9 %	44-144			"	"	"	"	
CS12091404-5 (B4I0323-12) Soil Sampled: 09/14/04 13:56 Received: 09/14/04 15:55									
Acenaphthene	1.76	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	0.348	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	0.828	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	0.442	0.330	"	"	"	"	"	"	
Fluorene	1.43	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	2.39	0.330	"	"	"	"	"	"	
Naphthalene	11.2	1.65	"	5	"	"	09/17/04	"	
Phenanthrene	1.74	0.330	"	1	"	"	09/17/04	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	91.9 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS1309140-4.5 (B4I0323-13) Soil Sampled: 09/14/04 14:00 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	1.29	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	

Surrogate: *p*-Terphenyl-*d*14

91.6 % 44-144

CF109140-GW (B4I0323-14) Soil Sampled: 09/14/04 09:12 Received: 09/14/04 15:55

Acenaphthene	0.563	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	0.379	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	0.989	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	0.526	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.644	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.514	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	0.413	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	1.16	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	3.53	0.330	"	"	"	"	"	"	
Fluorene	0.520	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.356	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CF109140-GW (B4I0323-14) Soil Sampled: 09/14/04 09:12 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Phenanthrene	4.50	0.330	"	"	"	"	"	"	
Pyrene	2.24	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	79.8 %	44-144			"	"	"	"	
CF209140-GW (B4I0323-15) Soil Sampled: 09/14/04 09:30 Received: 09/14/04 15:55									
Acenaphthene	4.52	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	6.66	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	1.24	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	0.817	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	0.567	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	0.638	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	0.450	0.330	"	"	"	"	"	"	
Carbazole	1.74	0.330	"	"	"	"	"	"	
Chrysene	1.57	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	2.57	0.330	"	"	"	"	"	"	
Fluoranthene	7.86	0.330	"	"	"	"	"	"	
Fluorene	5.45	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	0.377	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	1.13	0.330	"	"	"	"	"	"	
Naphthalene	1.26	0.330	"	"	"	"	"	"	
Phenanthrene	12.9	1.65	"	5	"	"	09/17/04	"	
Pyrene	5.62	0.330	"	1	"	"	09/17/04	"	
Surrogate: p-Terphenyl-d14	80.8 %	44-144			"	"	"	"	

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CF309140-GW (B410323-16) Soil Sampled: 09/14/04 09:45 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	85.5 %	44-144							
CF409140-GW (B410323-17) Soil Sampled: 09/14/04 09:55 Received: 09/14/04 15:55									
Acenaphthene	ND	0.330	mg/kg dry	1	4114057	09/14/04	09/17/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	0.441	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	0.356	0.330	"	"	"	"	"	"	
Fluorene	0.352	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CF409140-GW (B4I0323-17) Soil Sampled: 09/14/04 09:55 Received: 09/14/04 15:55									
Naphthalene	ND	0.330	mg/kg dry	1	4I14057	09/14/04	09/17/04	EPA 8270C	
Phenanthrene	0.671	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	101 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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 1011 SW Klickitat Way, Suite 207
 Seattle, WA 98134

Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Physical Parameters by APHA/ASTM/EPA Methods

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS1091404-5 (B4I0323-01) Soil Sampled: 09/14/04 08:55 Received: 09/14/04 15:55									
Dry Weight	77.8	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS2091404-4.5 (B4I0323-02) Soil Sampled: 09/14/04 09:00 Received: 09/14/04 15:55									
Dry Weight	92.0	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS3091404-5 (B4I0323-03) Soil Sampled: 09/14/04 09:03 Received: 09/14/04 15:55									
Dry Weight	84.3	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS4091404-5 (B4I0323-04) Soil Sampled: 09/14/04 09:09 Received: 09/14/04 15:55									
Dry Weight	79.1	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS5091404-5 (B4I0323-05) Soil Sampled: 09/14/04 09:11 Received: 09/14/04 15:55									
Dry Weight	76.1	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS6091404-5 (B4I0323-06) Soil Sampled: 09/14/04 09:16 Received: 09/14/04 15:55									
Dry Weight	71.1	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS7091404-4.5 (B4I0323-07) Soil Sampled: 09/14/04 09:25 Received: 09/14/04 15:55									
Dry Weight	87.8	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS8091404-4.5 (B4I0323-08) Soil Sampled: 09/14/04 09:30 Received: 09/14/04 15:55									
Dry Weight	73.9	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	
CS9091404-4.5 (B4I0323-09) Soil Sampled: 09/14/04 09:34 Received: 09/14/04 15:55									
Dry Weight	76.7	1.00	%	1	4I14055	09/14/04	09/15/04	BSOPSPL003R08	

North Creek Analytical - Bothell

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Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CS10091404-4.5 (B4I0323-10) Soil Sampled: 09/14/04 09:36 Received: 09/14/04 15:55									
Dry Weight	84.4	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CS11091404-4.5 (B4I0323-11) Soil Sampled: 09/14/04 13:52 Received: 09/14/04 15:55									
Dry Weight	79.0	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CS12091404-5 (B4I0323-12) Soil Sampled: 09/14/04 13:56 Received: 09/14/04 15:55									
Dry Weight	88.0	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CS1309140-4.5 (B4I0323-13) Soil Sampled: 09/14/04 14:00 Received: 09/14/04 15:55									
Dry Weight	89.4	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CF109140-GW (B4I0323-14) Soil Sampled: 09/14/04 09:12 Received: 09/14/04 15:55									
Dry Weight	67.8	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CF209140-GW (B4I0323-15) Soil Sampled: 09/14/04 09:30 Received: 09/14/04 15:55									
Dry Weight	68.5	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CF309140-GW (B4I0323-16) Soil Sampled: 09/14/04 09:45 Received: 09/14/04 15:55									
Dry Weight	72.0	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	
CF409140-GW (B4I0323-17) Soil Sampled: 09/14/04 09:55 Received: 09/14/04 15:55									
Dry Weight	77.1	1.00	%	1	4114055	09/14/04	09/15/04	BSOPSPL003R08	

North Creek Analytical - Bothell

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Amar Gill, Project Manager



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The RETEC Group, Inc.
 1011 SW Klickitat Way, Suite 207
 Seattle, WA 98134

Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch 4I14057: Prepared 09/14/04 Using EPA 3545

Blank (4I14057-BLK1)

Acenaphthene	ND	0.330	mg/kg							
Acenaphthylene	ND	0.330	"							
Anthracene	ND	0.330	"							
Benzo (a) anthracene	ND	0.330	"							
Benzo (a) pyrene	ND	0.330	"							
Benzo (b) fluoranthene	ND	0.330	"							
Benzo (k) fluoranthene	ND	0.330	"							
Benzo (ghi) perylene	ND	0.330	"							
Carbazole	ND	0.330	"							
Chrysene	ND	0.330	"							
Dibenz (a,h) anthracene	ND	0.330	"							
Dibenzofuran	ND	0.330	"							
Fluoranthene	ND	0.330	"							
Fluorene	ND	0.330	"							
Indeno (1,2,3-cd) pyrene	ND	0.330	"							
2-Methylnaphthalene	ND	0.330	"							
Naphthalene	ND	0.330	"							
Phenanthrene	ND	0.330	"							
Pyrene	ND	0.330	"							

Surrogate: *p*-Terphenyl-d14 1.86 " 1.67 111 44-144

LCS (4I14057-BS1)

Acenaphthene	3.10	0.330	mg/kg	3.33		93.1	69-124			
Pyrene	3.63	0.330	"	3.33		109	75-135			

Surrogate: *p*-Terphenyl-d14 1.50 " 1.67 89.8 44-144

LCS Dup (4I14057-BSD1)

Acenaphthene	3.16	0.330	mg/kg	3.33		94.9	69-124	1.92	24	
Pyrene	3.88	0.330	"	3.33		117	75-135	6.66	17	

Surrogate: *p*-Terphenyl-d14 1.64 " 1.67 98.2 44-144

North Creek Analytical - Bothell

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Amar Gill, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4I14057: Prepared 09/14/04 Using EPA 3545

Matrix Spike (4I14057-MS1)

Source: B4I0323-02

Acenaphthene	2.81	0.330	mg/kg dry	3.65	ND	77.0	33-139			
Pyrene	3.24	0.330	"	3.65	ND	88.8	28-156			
Surrogate: p-Terphenyl-d14	1.61		"	1.82		88.5	44-144			

North Creek Analytical - Bothell

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Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	------	----------------	-----	--------------	-------

Batch 4I14055: Prepared 09/14/04 Using General Preparation

Blank (4I14055-BLK1)

Dry Weight	99.9	1.00	%							
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North Creek Analytical - Bothell

Amar Gill, Project Manager

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Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/19/04 11:13

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference

North Creek Analytical - Bothell

Amar Gill, Project Manager

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03 September 2004

Mike Byers
The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134
RE: J.H. Baxter S. Property

Enclosed are the results of analyses for samples received by the laboratory on 08/20/04 17:20. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Amar Gill
Project Manager

Chain of Custody Record

Nº 100818

The RETEC Group, Inc.
1011 S.W. Klickitat Way, Suite 207 • Seattle, WA 98134-1162
(206) 624-9349 Phone • (206) 624-2839 Fax
www.retec.com



Project Name: <u>J.H. Baxter</u>		Project Number:	
Send Report To: <u>Mike Byers</u>		Sampler (Print Name): <u>Tom Beers</u>	
Address: <u>1011 SW Klickitat Way, Ste 207, Seattle WA, 98134</u>		Sampler (Print Name):	
Phone: <u>206 624 9349</u>		Shipment Method: <u>Courier</u>	
Fax:		Airbill Number:	
		Laboratory Receiving: <u>NKA-Bathell</u>	
Field Sample ID		Sample Date	Sample Time
Sample Matrix		Number of Containers	
Comments, Special Instructions, etc.		Lab Sample ID (to be completed by lab)	
DS1082004 - 5'		8/20/04	1400 Soil
DS2082004 - 5'		8/20	1405 Soil
DS3082004 - 4'		8/20	1410 Soil
DS4082004 - 4.5'		8/20	1415 Soil
DS5082004 - 3.5'		8/20	1420 Soil
DS6082004 - 4'		8/20	1425 Soil
DS7082004 - 4'		8/20	1430 Soil
DS8082004 - 3'		8/20	1435 Soil
DS9082004 - 3'		8/20	1440 Soil
DS10082004 - 4'		8/20	1445 Soil
DF1082004 GW		8/20	1450 Soil
DF2082004 GW		8/20	1455 Soil
DF3082004 GW		8/20	1500 Soil
DF4082004 GW		8/20	1505 Soil
Relinquished by: (Signature) <u>Tom Beers</u>		Received by: (Signature) <u>Joanne Toney</u>	
Relinquished by: (Signature)		Received by: (Signature)	
Relinquished by: (Signature)		Received by: (Signature)	
Date: <u>8/20/04</u>		Time: <u>1610</u>	
Date: <u>8/20/04</u>		Time: <u>1720</u>	
Date:		Time:	
Sample Custodian Remarks (Completed By Laboratory):			
QA/QC Level		Turnaround	
Level I <input type="checkbox"/>		Routine <input type="checkbox"/>	
Level II <input type="checkbox"/>		24 Hour <input type="checkbox"/>	
Level III <input type="checkbox"/>		1 Week <input checked="" type="checkbox"/>	
Other <input type="checkbox"/>		Other _____	
Sample Receipt			
Total # Containers Received?			
COC Seals Present?			
COC Seals Intact?			
Received Containers Intact?			
Temperature?			

White: Lab Copy Yellow: PM Copy Pink: Field Copy Gold: PM/QA/QC Copy

22.5 ° W / e

Samples were not @2-6c upon receipt



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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DS1082004-5'	B4H0566-01	Soil	08/20/04 14:00	08/20/04 17:20
DS2082004-5'	B4H0566-02	Soil	08/20/04 14:05	08/20/04 17:20
DS3082004-4'	B4H0566-03	Soil	08/20/04 14:10	08/20/04 17:20
DS4082004-4.5'	B4H0566-04	Soil	08/20/04 14:15	08/20/04 17:20
DS5082004-3.5'	B4H0566-05	Soil	08/20/04 14:20	08/20/04 17:20
DS6082004-4'	B4H0566-06	Soil	08/20/04 14:25	08/20/04 17:20
DS7082004-4'	B4H0566-07	Soil	08/20/04 14:30	08/20/04 17:20
DS8082004-3'	B4H0566-08	Soil	08/20/04 14:35	08/20/04 17:20
DS9082004-3'	B4H0566-09	Soil	08/20/04 14:40	08/20/04 17:20
DS10082004-4'	B4H0566-10	Soil	08/20/04 14:45	08/20/04 17:20
DF1082004 GW	B4H0566-11	Soil	08/20/04 14:50	08/20/04 17:20
DF2082004 GW	B4H0566-12	Soil	08/20/04 14:55	08/20/04 17:20
DF3082004 GW	B4H0566-13	Soil	08/20/04 15:00	08/20/04 17:20
DF4082004 GW	B4H0566-14	Soil	08/20/04 15:05	08/20/04 17:20

North Creek Analytical - Bothell

Amar Gill, Project Manager

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North Creek Analytical, Inc.
Environmental Laboratory Network

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS1082004-5' (B4H0566-01) Soil Sampled: 08/20/04 14:00 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	97.1 %	44-144			"	"	"	"	

DS2082004-5' (B4H0566-02RE1) Soil Sampled: 08/20/04 14:05 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H31052	08/31/04	09/01/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
 1011 SW Klickitat Way, Suite 207
 Seattle, WA 98134

Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS2082004-5' (B4H0566-02RE1) Soil Sampled: 08/20/04 14:05 Received: 08/20/04 17:20									
Naphthalene	ND	0.330	mg/kg dry	1	4H31052	08/31/04	09/01/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl-d14	90.7 %	44-144			"	"	"	"	
DS3082004-4' (B4H0566-03) Soil Sampled: 08/20/04 14:10 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: <i>p</i> -Terphenyl-d14	57.9 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS4082004-4.5' (B4H0566-04) Soil Sampled: 08/20/04 14:15 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	81.0 %	44-144			"	"	"	"	
DS5082004-3.5' (B4H0566-05) Soil Sampled: 08/20/04 14:20 Received: 08/20/04 17:20									
Acenaphthene	ND	3.30	mg/kg dry	10	4H23061	08/23/04	08/28/04	EPA 8270C	
Acenaphthylene	ND	3.30	"	"	"	"	"	"	
Anthracene	ND	3.30	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.30	"	"	"	"	"	"	
Benzo (a) pyrene	3.90	3.30	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.30	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.30	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	3.30	"	"	"	"	"	"	
Carbazole	ND	3.30	"	"	"	"	"	"	
Chrysene	ND	3.30	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.30	"	"	"	"	"	"	
Dibenzofuran	ND	3.30	"	"	"	"	"	"	
Fluoranthene	5.22	3.30	"	"	"	"	"	"	
Fluorene	ND	3.30	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.30	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.30	"	"	"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS5082004-3.5' (B4H0566-05) Soil Sampled: 08/20/04 14:20 Received: 08/20/04 17:20									
Naphthalene	ND	3.30	mg/kg dry	10	4H23061	08/23/04	08/28/04	EPA 8270C	
Phenanthrene	5.18	3.30	"	"	"	"	"	"	
Pyrene	5.75	3.30	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	49.8 %	44-144			"	"	"	"	
DS6082004-4' (B4H0566-06) Soil Sampled: 08/20/04 14:25 Received: 08/20/04 17:20									
Acenaphthene	ND	3.30	mg/kg dry	10	4H23061	08/23/04	08/28/04	EPA 8270C	
Acenaphthylene	ND	3.30	"	"	"	"	"	"	
Anthracene	ND	3.30	"	"	"	"	"	"	
Benzo (a) anthracene	ND	3.30	"	"	"	"	"	"	
Benzo (a) pyrene	ND	3.30	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	3.30	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	3.30	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	3.30	"	"	"	"	"	"	
Carbazole	ND	3.30	"	"	"	"	"	"	
Chrysene	ND	3.30	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	3.30	"	"	"	"	"	"	
Dibenzofuran	ND	3.30	"	"	"	"	"	"	
Fluoranthene	ND	3.30	"	"	"	"	"	"	
Fluorene	ND	3.30	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	3.30	"	"	"	"	"	"	
2-Methylnaphthalene	ND	3.30	"	"	"	"	"	"	
Naphthalene	ND	3.30	"	"	"	"	"	"	
Phenanthrene	ND	3.30	"	"	"	"	"	"	
Pyrene	ND	3.30	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	67.6 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS7082004-4' (B4H0566-07RE1) Soil Sampled: 08/20/04 14:30 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H31052	08/31/04	09/01/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	

Surrogate: *p*-Terphenyl-d14

90.1 % 44-144

DS8082004-3' (B4H0566-08) Soil Sampled: 08/20/04 14:35 Received: 08/20/04 17:20

Acenaphthene	1.82	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	0.456	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	0.744	0.330	"	"	"	"	"	"	
Fluoranthene	1.64	0.330	"	"	"	"	"	"	
Fluorene	1.15	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	0.663	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS8082004-3' (B4H0566-08) Soil Sampled: 08/20/04 14:35 Received: 08/20/04 17:20									
Naphthalene	2.16	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Phenanthrene	3.04	0.330	"	"	"	"	"	"	
Pyrene	1.16	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	77.9 %	44-144			"	"	"	"	
DS9082004-3' (B4H0566-09) Soil Sampled: 08/20/04 14:40 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	49.1 %	44-144			"	"	"	"	

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS10082004-4' (B4H0566-10) Soil Sampled: 08/20/04 14:45 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	80.2 %	44-144			"	"	"	"	

DF1082004 GW (B4H0566-11) Soil Sampled: 08/20/04 14:50 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	

North Creek Analytical - Bothell

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The RETEC Group, Inc.
 1011 SW Klickitat Way, Suite 207
 Seattle, WA 98134

Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DF1082004 GW (B4H0566-11) Soil Sampled: 08/20/04 14:50 Received: 08/20/04 17:20									
Naphthalene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	45.2 %	44-144			"	"	"	"	
DF2082004 GW (B4H0566-12) Soil Sampled: 08/20/04 14:55 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	61.5 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DF3082004 GW (B4H0566-13) Soil Sampled: 08/20/04 15:00 Received: 08/20/04 17:20									
Acenaphthene	ND	0.330	mg/kg dry	1	4H23061	08/23/04	08/30/04	EPA 8270C	
Acenaphthylene	ND	0.330	"	"	"	"	"	"	
Anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) anthracene	ND	0.330	"	"	"	"	"	"	
Benzo (a) pyrene	ND	0.330	"	"	"	"	"	"	Q-39
Benzo (b) fluoranthene	ND	0.330	"	"	"	"	"	"	Q-39
Benzo (k) fluoranthene	ND	0.330	"	"	"	"	"	"	Q-39
Benzo (ghi) perylene	ND	0.330	"	"	"	"	"	"	Q-39
Carbazole	ND	0.330	"	"	"	"	"	"	
Chrysene	ND	0.330	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	0.330	"	"	"	"	"	"	Q-39
Dibenzofuran	ND	0.330	"	"	"	"	"	"	
Fluoranthene	ND	0.330	"	"	"	"	"	"	
Fluorene	ND	0.330	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	0.330	"	"	"	"	"	"	Q-39
2-Methylnaphthalene	ND	0.330	"	"	"	"	"	"	
Naphthalene	ND	0.330	"	"	"	"	"	"	
Phenanthrene	ND	0.330	"	"	"	"	"	"	
Pyrene	ND	0.330	"	"	"	"	"	"	

Surrogate: *p*-Terphenyl-*d*14

55.0 % 44-144

DF4082004 GW (B4H0566-14) Soil Sampled: 08/20/04 15:05 Received: 08/20/04 17:20									
Acenaphthene	ND	1.65	mg/kg dry	5	4H23061	08/23/04	08/31/04	EPA 8270C	
Acenaphthylene	ND	1.65	"	"	"	"	"	"	
Anthracene	ND	1.65	"	"	"	"	"	"	
Benzo (a) anthracene	ND	1.65	"	"	"	"	"	"	
Benzo (a) pyrene	ND	1.65	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.65	"	"	"	"	"	"	
Carbazole	ND	1.65	"	"	"	"	"	"	
Chrysene	ND	1.65	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.65	"	"	"	"	"	"	
Dibenzofuran	ND	1.65	"	"	"	"	"	"	
Fluoranthene	ND	1.65	"	"	"	"	"	"	
Fluorene	ND	1.65	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.65	"	"	"	"	"	"	
2-Methylnaphthalene	ND	1.65	"	"	"	"	"	"	

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The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DF4082004 GW (B4H0566-14) Soil Sampled: 08/20/04 15:05 Received: 08/20/04 17:20 O-07									
Naphthalene	ND	1.65	mg/kg dry	5	4H23061	08/23/04	08/31/04	EPA 8270C	
Phenanthrene	ND	1.65	"	"	"	"	"	"	
Pyrene	ND	1.65	"	"	"	"	"	"	
Surrogate: p-Terphenyl-d14	80.6 %	44-144			"	"	"	"	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS1082004-5' (B4H0566-01) Soil Sampled: 08/20/04 14:00 Received: 08/20/04 17:20									
Dry Weight	81.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS2082004-5' (B4H0566-02) Soil Sampled: 08/20/04 14:05 Received: 08/20/04 17:20									
Dry Weight	70.2	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS3082004-4' (B4H0566-03) Soil Sampled: 08/20/04 14:10 Received: 08/20/04 17:20									
Dry Weight	79.8	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS4082004-4.5' (B4H0566-04) Soil Sampled: 08/20/04 14:15 Received: 08/20/04 17:20									
Dry Weight	83.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS5082004-3.5' (B4H0566-05) Soil Sampled: 08/20/04 14:20 Received: 08/20/04 17:20									
Dry Weight	64.9	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS6082004-4' (B4H0566-06) Soil Sampled: 08/20/04 14:25 Received: 08/20/04 17:20									
Dry Weight	90.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS7082004-4' (B4H0566-07) Soil Sampled: 08/20/04 14:30 Received: 08/20/04 17:20									
Dry Weight	71.6	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS8082004-3' (B4H0566-08) Soil Sampled: 08/20/04 14:35 Received: 08/20/04 17:20									
Dry Weight	80.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DS9082004-3' (B4H0566-09) Soil Sampled: 08/20/04 14:40 Received: 08/20/04 17:20									
Dry Weight	77.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	

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Project: J.H. Baxter S. Property
 Project Number: VULAN-16672-700
 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Physical Parameters by APHA/ASTM/EPA Methods
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DS10032004-4' (B4H0566-10) Soil Sampled: 08/20/04 14:45 Received: 08/20/04 17:20									
Dry Weight	86.6	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DF1082004 GW (B4H0566-11) Soil Sampled: 08/20/04 14:50 Received: 08/20/04 17:20									
Dry Weight	67.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DF2082004 GW (B4H0566-12) Soil Sampled: 08/20/04 14:55 Received: 08/20/04 17:20									
Dry Weight	68.3	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DF3082004 GW (B4H0566-13) Soil Sampled: 08/20/04 15:00 Received: 08/20/04 17:20									
Dry Weight	72.7	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	
DF4082004 GW (B4H0566-14) Soil Sampled: 08/20/04 15:05 Received: 08/20/04 17:20									
Dry Weight	83.0	1.00	%	1	4H24050	08/24/04	08/25/04	BSOPSPL003R08	

North Creek Analytical - Bothell

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Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4H23061: Prepared 08/23/04 Using EPA 3545

Blank (4H23061-BLK1)

Acenaphthene	ND	0.330	mg/kg						
Acenaphthylene	ND	0.330	"						
Anthracene	ND	0.330	"						
Benzo (a) anthracene	ND	0.330	"						
Benzo (a) pyrene	ND	0.330	"						
Benzo (b) fluoranthene	ND	0.330	"						
Benzo (k) fluoranthene	ND	0.330	"						
Benzo (ghi) perylene	ND	0.330	"						
Carbazole	ND	0.330	"						
Chrysene	ND	0.330	"						
Dibenz (a,h) anthracene	ND	0.330	"						
Dibenzofuran	ND	0.330	"						
Fluoranthene	ND	0.330	"						
Fluorene	ND	0.330	"						
Indeno (1,2,3-cd) pyrene	ND	0.330	"						
2-Methylnaphthalene	ND	0.330	"						
Naphthalene	ND	0.330	"						
Phenanthrene	ND	0.330	"						
Pyrene	ND	0.330	"						

Surrogate: *p*-Terphenyl-d14 1.15 " 1.67 68.9 44-144

LCS (4H23061-BS1)

Acenaphthene	2.93	0.330	mg/kg	3.33		88.0	69-124		
Pyrene	3.91	0.330	"	3.33		117	75-135		

Surrogate: *p*-Terphenyl-d14 1.60 " 1.67 95.8 44-144

LCS Dup (4H23061-BSD1)

Acenaphthene	2.99	0.330	mg/kg	3.33		89.8	69-124	2.03	24
Pyrene	3.96	0.330	"	3.33		119	75-135	1.27	17

Surrogate: *p*-Terphenyl-d14 1.62 " 1.67 97.0 44-144

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 Project Manager: Mike Byers

Reported:
 09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control

North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4H23061: Prepared 08/23/04 Using EPA 3545

Matrix Spike (4H23061-MS1)

Source: B4H0566-01

Acenaphthene	3.59	0.330	mg/kg dry	4.10	ND	87.6	33-139			
Pyrene	4.23	0.330	"	4.10	0.164	99.2	28-156			
Surrogate: p-Terphenyl-d14	1.67		"	2.05		81.5	44-144			

Matrix Spike Dup (4H23061-MSD1)

Source: B4H0566-01

Acenaphthene	3.26	0.330	mg/kg dry	4.10	ND	79.5	33-139	9.64	35	
Pyrene	4.21	0.330	"	4.10	0.164	98.7	28-156	0.474	35	
Surrogate: p-Terphenyl-d14	1.70		"	2.05		82.9	44-144			

Batch 4H31052: Prepared 08/31/04 Using EPA 3550B

Blank (4H31052-BLK1)

Acenaphthene	ND	0.330	mg/kg							
Acenaphthylene	ND	0.330	"							
Anthracene	ND	0.330	"							
Benzo (a) anthracene	ND	0.330	"							
Benzo (a) pyrene	ND	0.330	"							
Benzo (b) fluoranthene	ND	0.330	"							
Benzo (k) fluoranthene	ND	0.330	"							
Benzo (ghi) perylene	ND	0.330	"							
Carbazole	ND	0.330	"							
Chrysene	ND	0.330	"							
Dibenz (a,h) anthracene	ND	0.330	"							
Dibenzofuran	ND	0.330	"							
Fluoranthene	ND	0.330	"							
Fluorene	ND	0.330	"							
Indeno (1,2,3-cd) pyrene	ND	0.330	"							
2-Methylnaphthalene	ND	0.330	"							
Naphthalene	ND	0.330	"							
Phenanthrene	ND	0.330	"							
Pyrene	ND	0.330	"							
Surrogate: p-Terphenyl-d14	1.56		"	1.67		93.4	44-144			

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Reported:
09/03/04 09:27

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4H31052: Prepared 08/31/04 Using EPA 3550B									
LCS (4H31052-BS1)									
Acenaphthene	3.26	0.330	mg/kg	3.33		97.9	69-124		
Pyrene	3.93	0.330	"	3.33		118	75-135		
Surrogate: p-Terphenyl-d14	1.69		"	1.67		101	44-144		
LCS Dup (4H31052-BS1)									
Acenaphthene	3.16	0.330	mg/kg	3.33		94.9	69-124	3.12	24
Pyrene	3.79	0.330	"	3.33		114	75-135	3.63	17
Surrogate: p-Terphenyl-d14	1.61		"	1.67		96.4	44-144		

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Amar Gill, Project Manager



Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
425.420.9200 fax 425.420.9210
Spokane 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
509.924.9200 fax 509.924.9290
Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588
Anchorage 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
907.563.9200 fax 907.563.9210

The RETEC Group, Inc.
1011 SW Klickitat Way, Suite 207
Seattle, WA 98134

Project: J.H. Baxter S. Property
Project Number: VULAN-16672-700
Project Manager: Mike Byers

Reported:
09/03/04 09:27

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4H24050: Prepared 08/24/04 Using General Preparation										
Blank (4H24050-BLK1)										
Dry Weight	99.8	1.00	%							

North Creek Analytical - Bothell

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Notes and Definitions

- O-07 Severe matrix interference. Results were obtained from the most concentrated dilution which yielded acceptable internal standard responses.
- Q-39 The internal standard associated with this analyte was biased low and outside acceptance criteria. Re-analysis verified the original result.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

North Creek Analytical - Bothell

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Amar Gill, Project Manager

State Department of Printing

Account # P-04-1136

Contact: Sunny Becker

Primary Phone: (425) 649-7181 per cherie

Deliver back - Date: 11/1 ☒ by 10 a.m. ☐ by 3 p.m.

Please answer the following questions about your order. Check or circle where appropriate.

Printing

1) Are the copies:

- ☐ Black & White ☐ Mixed
☐ Color
☐ Oversize

2) Are your originals?

- ☐ Single Sided ☐ On Disc
☐ Double Sided
☐ Mixed

3) The copies we produce for you will be:

- ☐ Single Sided
☐ Double Sided
☐ Mixed (as is)

4) What kind of paper will we be printing on?

- ☐ 20 lb white (default paper for black & white copies)
☐ Laser bright white (default paper for full-color copies)
☐ Transparency
☐ Other _____

5) The paper size of the copies we produce will be:

- ☐ Letter ☐ 100%
☐ Legal ☐ Fit Page
☐ Ledger (11x17) ☐ Oversized
☐ Mixed (as is) _____ x _____

6) How many copies of the originals are we making for you?

7) Are the copies?:

- ☐ Collated (i.e., in order)
☐ Uncollated (i.e., in separate stacks)

8) Additional considerations:

(attach extra sheet if need)

EW0 3817411

REPROGRAPHICS
NORTHWEST LLC

1850 130th Ave NE Bldg 6
Bellevue, WA 98005



Job Reference or PO: J1640

Stapling

9) Circle the appropriate option

☐ PORTRAIT ☐ DOUBLE
☐ LAND-SCAPE ☐ BOOKLET

Binding

10) Circle the appropriate option

☐ COIL ☐ COMB

11) Will the first page be:

- ☐ Printed on cover
☐ Repeat Cover
☐ Not printed on cover

12) The front cover will be:

- ☐ Cardstock — Type: _____
☐ Clear (not printed)
☐ Vinyl (not printed) — Color: _____

13) The front cover will be:

- ☐ Cardstock — Type: _____
☐ Clear (not printed)
☐ Vinyl (not printed) — Color: _____

Tabs

14) How many tabs?

Please provide a list of tabs for creation, along with any special instructions.

Drilling

15) Check the appropriate option

- ☐ Three hole
☐ Two hole (top edge)
☐ Oversize

Folding

16) Circle the appropriate option.



17) Check the appropriate option.

- ☐ Text in ☐ Text out
☐ Sample enclosed

Laminating

18) Check the appropriate option.

- ☐ pouch
☐ Roll

19) Trim down the lamination to size?

- ☐ Yes ☐ No

Mounting

20) Check appropriate options.

- ☐ Foam Core Mounting
☐ With laminating
☐ Easle backs

Cutting

21) Finished size

_____ x _____

22) Qty. of Finished pieces

State Department of Printing

Account # P-04-1136

Contact: Sunny Becker

Primary Phone: (425) 649-7181 *Per Charie*

Deliver back - Date: 11/9 ☒ by 10 a.m. ☐ by 3 p.m.

Please answer the following questions about your order. Check or circle where appropriate.

Job Reference or PO: 11640

REPROGRAPHICS
NORTHWEST LLC

1850 130th Ave NE Bldg 6
Bellevue, WA 98005



Printing

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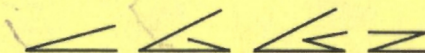
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Folding

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☐ Sample enclosed

Laminating

18) Check the appropriate option.

- ☐ pouch
☐ Roll

19) Trim down the lamination to size?

- ☐ Yes ☐ No

Mounting

20) Check appropriate options.

- ☐ Foam Core Mounting
☐ With laminating
☐ Easle backs

Cutting

21) Finished size

_____ x _____

22) Qty. of Finished pieces

State Department of Printing

Account # P-04-1136

Contact: Sunny Becker

Primary Phone: (425) 549-7181

Deliver back - Date: 11/9 ☒ by 10 a.m. ☐ by 3 p.m.

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